

THE PERILS OF PESSIMISM: Predictive effects of negative expectations for future health and education outcomes on adolescent risk behavior

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Data analyzed was from a longitudinal study by Reyna.

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### Abstract

**Objective:** With data from a longitudinal study conducted by Reyna, I test whether near-fatalistic/negative expectations for the future predict increased adolescent risk behavior over time. In the reverse direction, the effect of behavioral experiences on subsequent expectations was also assessed.

**Methods:** Eight-hundred and seven adolescents ( $M=15.5$  years,  $SD=1.0$ ) completed a questionnaire that included questions about how far they expected to go in school, their perceived likelihood of getting (a girl) pregnant in the next 6 months, contracting HIV/AIDS, and contracting an STD by age 25. Participants also answered questions about their recent engagement in a range of risk behaviors involving substance use, delinquency and sexual activity. An identical questionnaire was administered at five time points over the course of one year. Longitudinal modeling was used to assess the influence of pre-test expectations on subsequent risk behaviors, and conversely, the effect of pre-test behavioral experiences on subsequent expectations for education and health outcomes. Sociodemographic variables and the criterion at baseline/previous time points were controlled for in all analyses.

**Results:** Results showed variable support for the notion of negative/near-fatalistic expectations as predictors of later risky behavior. A high expectation of teen pregnancy in adolescents proved a marker for involvement in health-jeopardizing behaviors. Pre-test judgments of pregnancy risk significantly predicted increased involvement in later behaviors such as alcohol and drug use, and number of sexual intercourse partners. Reciprocally, these behavioral experiences at pre-test predicted subsequent perceived risk. Pregnancy expectations also significantly predicted increased truancy, unprotected sex, theft and vandalism; these behaviors were not predictive of pregnancy expectations. Predictive effects were not seen as strongly or consistently for expectation measures involving educational (non) attainment, STD contraction and HIV/AIDS infection. Notably, however, expectations for HIV/AIDS infection (both within 6 months and by age 25) predicted smoking and vandalism. There was a positive reciprocal relationship between expectations for STD contraction (by age 25) and number of partners at multiple time points. Risky behaviors tended to predict decreased educational expectations, but not vice versa. Importantly, expectations did not always reflect current involvement in risk behaviors: risky sexual behavior often did not predict increased subsequent expectations for pregnancy, STD and HIV/AIDS contraction.

**Conclusion:** Near-fatalistic expectations for the future do predict increased involvement in subsequent risk behaviors. At-risk individuals may benefit from interventions that promote optimistic orientations for the future, risk-avoidant values, and self-efficacy.

**Keywords:** adolescent risk behavior, judgment, decision making, fatalism, future orientations, sexual risk-taking, substance use, longitudinal

### Predictive Effects of Pessimistic/Near-fatalistic Expectations on Adolescent Risk Behavior

Adolescent risk-taking can lead to many negative outcomes, both for individuals and society at large. Statistics show that teens are disproportionately responsible for car accidents, new cases of HIV/AIDS, and initiation of unhealthy lifestyle choices such as smoking (Reyna, & Rivers, 2008). Risky behaviors such as alcohol and drug use, crime, and sexual activity often first debut during adolescence (Reyna & Farley, 2006). A 2006 study by the Center for Disease Control and Prevention revealed that in the year prior to the survey, more than one-third of high school students did not use a condom either the first or most recent time they engaged in sexual intercourse. Almost 30% rode in a car driven by someone who had been drinking. Close to 25% were regular cigarette smokers, and nearly 25% reported multiple episodes of binge drinking.

The costs of adolescent sexual risk-taking are steep. One in four U.S. teens aged 14–19 has a sexually transmitted infection (STI), according to a study released in March 2008 by researchers from the Centers for Disease Control and Prevention. Nearly four out of ten adolescents in the U.S. will get pregnant at least once before they turn 20, accounting for about 25 percent of all accidental pregnancies in the United States (Planned Parenthood Organization, 2007). When tax revenues, public assistance, child health care, foster care, and involvement with the criminal system are taken into account, the estimated yearly cost of births by teenagers add up to about \$9.1 billion, or \$1,430 per child per year (Hoffman, 2006). A report by the Guttermacher Institute (2009) quotes federal government spending at almost 40 billion dollars per year in welfare and Medicaid funds due to teenage pregnancy and births.

Traditional wisdom has long been that adolescents take risks in part because they underestimate the risks associated with their behaviors. Elkind (1967) posited that teens harbor a

“personal fable,” wherein they believe that they are invulnerable to the consequences of their actions and adopt an “it can’t happen to me” mentality. However, a growing body of research literature suggests that this is not the case (Beyth-Marom, Fischhoff, 2008; Fischhoff, Palmgren, & Jacobs-Quadrel, 1993; Reyna, 2008; Reyna & Farley, 2006). Adolescents do indeed feel vulnerable to negative health outcomes, including HIV/AIDS and other sexually transmitted infections. In some studies, both teens and adults have estimated teens’ probability of experiencing outcomes such as pregnancy, parenthood, and incarceration with relative accuracy. At times, teens may even *overestimate* their vulnerability to risk, especially their risk for dying, resulting in hopelessness and the perception that not much is at stake (Fischhoff, 2008; Fischhoff, Parker, Bruine de Bruin, Downs, Palmgren, Dawes & Manski, 2000; Harris, Duncan, & Boisjoly, 2002). Millstein and Halpern-Felsher (2002) found that more adults expressed perceptions of invulnerability than did adolescents. Fischhoff (2008) found that teens’ probability judgments for events such as becoming a teen parent and remaining in school were significantly positively correlated with these events’ probabilities of occurring.

Reyna (2008) noted that interventions that stress increasing adolescents’ precise numerical knowledge of the health risks they face may prove ineffective or even counterproductive, as adolescents often already feel vulnerable to these risks. She posits that individuals may have the facts correct, but they do not necessarily derive the proper meaning from this information. Theory-based interventions that focus on conveying the “gist” or bottom-line meaning of risk information (which individuals rely on when making decisions) and inculcating risk-avoidant values and negative prototypes for risk, have proven effective (Reyna, 2006).

Teens' fatalistic or negative expectations for the future may stem from, and contribute to, a feeling of helplessness. Fischhoff et al. (2002) has stated that many adolescents have a feeling that "the world is out of control." Learned helplessness theory posits that experience with uncontrollable events can lead to the expectation that one has no control over future outcomes (Peterson & Seligman, 1984). Individuals who explain bad events by causes that are stable, internal, and have global effects are more likely to expect bad events to recur in the future and to occur in multiple domains. Pessimistic explanatory style has been shown to predict future depression, lower grades, and poor health outcomes (Peterson & Seligman, 1984).

Theory and related research imply that teens formulate behavioral intentions based on their perceptions of the risks and benefits associated with engaging in a behavior. The theory of reasoned action dictates that behavioral intentions are strongly influenced by one's perception of the severity of expected outcomes (Ajzen & Fishbein, 1980). Psychosocial models such as the Health Belief Model posit that perceived personal susceptibility to a threat as well as perceived control or personal efficacy in preventing or reducing his or her risk help to explain risk-taking behavior. Harris, Duncan, and Boisjoly (2002) speculated that adolescents with low expectations for their futures might perceive fewer risks associated with engaging in risk behaviors and will be less likely to avoid risks than those with high expectations for their futures. Believing that they have less to lose, these adolescents face lower perceived losses for the risks they take relative to those with higher expectations.

In one study, self-reported belief that graduation from college was unlikely, and that living to age 35 was unlikely, was positively associated with dealing drugs (Harris et al., 2002). Teens might easily perceive of drug dealing as a behavior that would potentially affect their

future health and education with severe consequences. Those who do not believe they have a positive future are demonstrably less hesitant to risk these outcomes.

Another factor that could underlie a causal relationship between negative expectations and risk behavior is that fatalism and near-fatalistic beliefs lead to a shortened time perspective. For example, people who believe in a high perceived likelihood of contracting HIV/AIDS in the near future might presume that their lifespan could be significantly shortened as a result of the disease. A shorter subjective time horizon might shift motivational priorities in a way that promotes present time perspective (Carstensen, 2006). Zimbardo and Boyd (1999) theorized the two components of present time perspective to be present-fatalistic and present-hedonistic; each operate differently and each can promote risk-taking behaviors (Henson, Carey, Carey & Maisto, 2006). Fatalistic time perspective is characterized by pessimism and self-destructive behaviors, while hedonistic time perspective is associated with the pursuit of immediate, pleasurable goals. Studies have found present time perspective to predict risky health behaviors such as risky driving (Zimbardo, Keough & Boyd, 1997), more frequent sexual behavior, and more sexual partners (Wills, Sandy, & Yaeger, 2001), for example.

The present study was motivated in part by the findings of Borowsky, Ireland and Resnick (2009), who observed a reciprocal relationship between fatalistic attitudes and risky behaviors and poor health outcomes. Adolescents who overestimated their risk for dying subsequently engaged in more risk behaviors; at the same time, youth who engaged in risky behaviors were more likely to express fatalistic attitudes about their mortality. Specifically, high perceived risk for early mortality (50% chance or greater of death by age 35) at pre-test predicted unsafe sexual activity, a diagnosis of HIV/AIDS, a suicide attempt, police arrest, and fight-related injury 1 and 7 years later. Conversely, these behavioral experiences and outcomes at

time 1 predicted early death perception 1 year later, 7 years later, or both. Those with fatalistic expectations might feel sufficiently frustrated to act out destructively or dissociate themselves from long-term future outcomes.

Overall, research has not given broad attention to the impact of expectations for the future on adolescent risk behavior, often focusing on the issue only in regard to sexual behavior (Luster & Small, 1994; Ohannessian & Crockett, 1993; Plotnick, 1992). The present study will examine the predictive effect of (sexual) health, pregnancy and education expectations on substance use (alcohol, cigarettes, marijuana, and other drugs) and delinquency (truancy, vandalism, theft), in addition to sexual behavior (sex frequency, number of partners, and prophylactic use). This author will also seek to determine the extent to which behavioral experiences at pre-test predict subsequent risk expectations. A final objective includes the identification of demographic groups that hold more fatalistic and negative expectations for the future relative to their peers, which could prove useful in targeting high-risk groups for possible prevention/intervention efforts.

## **Method**

### **Participants**

Data was collected from June 2003 to April 2008 by Reyna following approval by Institutional Review Boards (IRB) at the University of Arizona, the University of Texas at Arlington, and Cornell University. Eight-hundred and thirty seven students aged 12-18 ( $M=15.5$ ,  $SD=1.0$ ), were recruited from high schools and local youth organizations in or within a 30 mile radius of Tucson (Arizona), Arlington (Texas), and Ithaca (New York). The sample was 44.2% Caucasian, 28.0% African American, 16.4% Hispanic and 11.5% classified themselves as “other.” All participants could speak and understand English. Participants agreed to participate

in a control group or one of two sexual education interventions and filled out a pre-intervention survey as well as follow-up assessments immediately post-intervention and at 3, 6, and 12 months. Assignment to one of the three groups was random; participants did not differ in baseline characteristics collected prior to the interventions by more than chance levels. For completion of the pre-survey, the full intervention (16 hours), and the post-survey (which occurred immediately after the intervention), participants were paid a total of \$75. Subjects were paid a graduated amount for their participation in an effort to maintain participation and minimize attrition at follow-up assessments. Participants received \$15 for completing the 3 month follow-up, \$30 for the 6 month follow-up, and \$45 for the 12 month follow-up, for a total of \$165 if the full class and all follow-ups were attended.

A flowchart of participant attendance throughout the study can be found in Figure 1 (Mills, 2009). Of 837 initially contacted participants, 87.7% completed the intervention and the immediate follow-up assessment. Of 734 participants who completed the intervention and the immediate follow-up assessment, 80.8% completed a follow-up survey. The total number of eligible participants (734) to complete the final assessment at 12 months was 450 (61.3%), corresponding to a per-assessment attrition rate of about 14%-15%. This falls within the 10-20% range desired for randomized clinical trials. Rates of attrition did not differ systematically across groups. Data was used from all eligible participants, including those who dropped out, a method that is supported by current recommendations (*Consolidated Standards*, 2007).

## **Materials and Procedure**

Participants were issued a survey consisting of 314 sociodemographic, psychosocial, and behavioral questions. The survey inquiring about participants' demographic



information and background, sexual history, beliefs about sex and the associated risks, prophylactic use, substance use, and delinquent behaviors was administered at 5 assessments over the course of 12 months' involvement in a 3-armed randomized controlled trial. Participants were exposed to either a curriculum on improving communications skills (which did not include any information about sexuality), a sexual education curriculum ("Reducing the Risk," or RTR+) that was 'gist-enhanced', with an added focus on the bottom-line meaning of risk information, or the same sexual education curriculum without a particular gist-focus ("RTR").

All participants in each condition received 16 hours of contact time in their intervention. The average duration during which the 16-hour interventions were delivered was 15.2 days. 83.7% of participants received their full 16 hour intervention in 21 days or less.

RTR and RTR+ share much of the same content, as RTR+ is an adapted version of RTR. Both RTR and RTR+ curricula emphasize abstinence as an option to eliminate risk in addition to prophylactic measures to reduce risk. An important distinction between the two is that in the RTR+ curriculum, there is a theoretically-motivated emphasis on "framing" the types of sexual decisions adolescents are faced with in ways that should promote risk avoidance. The control curriculum contained a comparable number of interactive activities as RTR and RTR+, and its total duration was the same as RTR and RTR+ (16 hours). The control curriculum was similar across sites. Topics relevant to effective communication in adolescence were presented and discussed. Topics included the communication of displeasure in a way that does not make the other person respond defensively, bullies and how to respond to bullying, and valued characteristics in a friend (Mills, Reyna Estrada, 2008; Reyna, 2008).

### **Measures.**

#### ***Sociodemographic variables.***

Data were collected on several sociodemographic variables, including ethnicity, gender, age, maternal and paternal education, receipt of a free school lunch, living arrangement, adult supervision, and typical grades. The intervention group to which the participant was randomly assigned was also controlled for.

For ethnicity, participants were asked “Which of the following groups best describes you?”: Caucasian/White, Mexican-American/Chicano, Central American/South American/Puerto Rican/Cuban, African-American/Black, Asian-American, Native-American, or mixed ethnicity. Responses of White/Caucasian, some Hispanic response, or African-American comprised over 88% of the sample. Mexican-American/Chicano, Central American/South American/Puerto Rican/Cuban and mixed ethnicities with Hispanic origin were grouped into one Hispanic category. Since Asian responses were the most frequently reported other ethnicity, and yielded similar responses to the White/Caucasian participants, White/Caucasian, Asian, and other responses are grouped together into one Caucasian/other category. The White/Caucasian group was used as the reference group for the analyses in this study; African-American and Hispanic were used as dummy variables. For gender, females were value coded as 1 and males as 0. Age was coded on a continuous scale, from 14 or younger to 17 or older.

Variables addressing socioeconomic status were included as well. Parental educational attainment was assessed with the question: “What is the highest level your [parent] completed in school?” This was asked separately for mother and father and averaged for a single parental education measure; “Don’t know” responses were treated as missing and the answered item for the other parent – if present – was used for the overall score. The survey also included the question: “Do you get a free school lunch?” Responses were coded as either “No,” or “Yes.”

For those receiving a free school lunch at pre-test, N=239. The Federal Register notice of the 2009 income requirements for a free lunch indicate that a family of four's annual income must be less than \$28, 665 for eligibility to receive a free school lunch.

Living arrangement, adult supervision, and typical grades were also controlled for, as literature has shown that lower grades, fewer hours of adult supervision, and alternative family structure predict increased risk behaviors (Aizer, 2004; Borowsky et al., 2009).

Living arrangement was assessed with the question "Where do you live **right now**?" The response options were: "I live with both parents (no step-parents);" "I live with a single parent;" "I live with a parent and step-parent;" "I live part time with both families (both parents have custody);" "I live with other relatives (not my parents);" "I live in a group home;" "I live with a foster family;" "I live on my own or with friends." Response options of living alone or with friends, with a single parent, in a group home, in foster family, or with other relatives were collapsed into one category and value coded as 1. This category of living arrangement was compared against those who reported living with two guardians (either with both parents, with a parent and a step-parent, or part-time with both families). Adult supervision was assessed by the question "In general, how many hours per day are you without supervision?" Response options were coded from 1 to 4, from less than one hour to four or more hours. Participants were also asked "What kind of grades do you **usually** get in school?" Responses were coded 1 to 5, from "A's" to "F's."

For intervention group, dummy variables were created for RTR and RTR+, or "gist-enhanced" interventions, and were compared to the control condition as a reference group.

***Expectation measures.***

Expectations for sexual health, teenage pregnancy, and educational outcomes were examined in this study. Expectations (personal risk estimates) for experiencing consequences of sexual behavior such as HIV/AIDS contraction, STD contraction and teenage pregnancy were assessed on a 5-point scale from “Strongly disagree” to “Strongly agree,” with a midpoint option of “Neither agree nor disagree.” These items were: “I am likely to have HIV/AIDS by age 25”; “I am likely to have HIV/AIDS in the next 6 months”; “I am likely to have a STD by age 25”; “I am likely to have a STD in the next 6 months”; and “I am likely to get (a girl) pregnant in the next 6 months.”

Expectations for educational outcomes were assessed with the question: “How far do you think you will go in school?” Coded from 1 to 4, the response options were “Won’t finish high school,” “Will graduate high school,” “Will attend some college but probably won’t complete 4 years,” and “Will graduate from a 4 year college or more.” For pre-test expectations for educational attainment,  $M=3.71$ ,  $SD=.616$ . Expectations for HIV/AIDS contraction are considered near-fatalistic expectations as they significantly shorten one’s lifespan. STD contraction, teen pregnancy and limited educational attainment are considered negative expectations for the future. While pregnancy can be a happy event, it is often an unintended consequence of sexual activity for adolescents; it is a large financial burden that can lead to high school drop-out and decreased earnings over the lifespan (Planned Pregnancy Organization, 2007).

### ***Behavioral measures.***

Risky behavioral outcomes involving delinquency, substance use, and sexual activity were measured. Participants were asked “In the last six months, how often have you done the following?” They were asked how frequently they had “stolen something,” “skipped school

(ditching),” “damaged property/graffiti (tagging),” “smoked cigarettes or chewed tobacco,” “smoked marijuana (pot),” “used illegal drugs such as cocaine, meth or LSD (This does not include prescribed medicine),” and “drank alcohol (beer, wine or hard liquor).” Responses were scored from 0 to 4 and included “Never,” “Have done it once or twice,” “About once a month,” “About once a week,” and “Almost every day.”

To assess frequency of sexual intercourse, respondents were asked “In the last three months, I had vaginal (regular) sex \_\_\_ times.” Number of partners was measured by the question “In the last three months, I had vaginal (regular) sex with \_\_\_ number of partners.” Additionally, participants were asked: “*If you have had sex*, what method(s) of birth control did you and your partner use to prevent pregnancy **the last time** you had sex?” The response options were “I have never had sex,” “No method was used,” “Birth control pill,” “Condom (rubber),” “Some other method (ex. Diaphragm, IUD),” and “I am not sure.” A variable for unprotected sexual activity was created, with the value code of 1 for the answer “No method was used” and 0 for all other responses.

## **Procedure**

### **Recruitment.**

Longitudinal data was collected by Reyna (2008) as part of a study testing fuzzy-trace tenets and the efficacy of a gist-enhanced sexual education/intervention curriculum. Participants were recruited through mass mailing campaigns or, after obtaining permissions from appropriate site administrators, on-site recruitment via face to face meetings and by posting recruitment flyers. Recruitment materials were mailed to potential participants and their parents in Arlington, Texas, whereas on-site recruitment was used in Tucson, Arizona and Ithaca, New York. Between or after their normal classes, students were approached and given general details

about the study, and if interested, were provided with the recruitment packet containing a letter to parents describing the study and instructions for participation, parental consent and assent forms, researcher contact information, and a schedule of upcoming sessions. Spanish versions of consent materials were available for Hispanic participants in Texas and Arizona to ensure understanding.

### **Survey administration and data collection.**

A longitudinal design was employed and surveys were administered at five time points: 1) Pre-test (0 months); 2) Post-test (immediately post-intervention--approximately two weeks, on average); 3) Three months; 4) Six months; and 5) Twelve months.

In Arlington, interventions and follow-up surveys were administered at the University of Texas at Arlington or at the facilities of the Dallas Boys and Girls Club, and additional follow-up surveys were administered at the Arlington public library. In Tucson, Arizona and Ithaca, New York, interventions were administered at participating high schools and follow-up surveys were administered at participating high schools or – for a subset of participants in Ithaca – at Cornell University. As the survey contained questions of a personal nature, participants were reminded that their survey responses were confidential before each survey administration in order to enhance the validity of the data collected. A certificate of confidentiality was obtained from the National Institutes of Health for the study. To protect their privacy, participants were also reminded not to enter their name.

Participants were allotted as much time as they needed to complete the survey, which consisted of 314 sociodemographic, psychosocial, and behavioral questions. Participants were asked not to view or share answers with other students. It was requested that students complete the survey, though it was noted that they did not have to answer questions if they did not want to. Students typically completed the survey in less than 90 minutes. As participants handed in their

surveys, they were placed in a manila envelope and cash or check payments for completion (\$75 at post-survey, \$15 at three months, \$30 at six months, and \$45 at 12 months) were handed to the participant, and the participant was reminded of the next survey administration date. The researchers made assiduous efforts to schedule missed classes and missed surveys, and to contact those who dropped out the study so as to minimize attrition rates.

Surveys were printed on non-scantron forms through January of 2005, during which data was hand-entered directly into SPSS. From that point on, scantron versions of the survey were created with Autodata Scannable Office software. Completed surveys were scanned with a Panasonic high-speed scanner, and the software stored the data in Microsoft Access databases. These Access databases were imported into SPSS, SAS, or STATA for analysis (Reyna, 2008). The present study analyzed data in SPSS 17.0.

### **Statistical analyses.**

Longitudinal modeling was used to assess how each expectation (for teen pregnancy, STD contraction, HIV/AIDS infection, and educational (non)attainment) at time 1 influenced risk behaviors at times 2, 3, 4, and 5. Conversely, the effect of risk behaviors at time 1 on each expectation measure at time 2, 3, 4, and 5 was also examined. Linear regressions were conducted on categorical and continuous predictors with continuous outcomes; logistic regression was conducted on categorical and continuous predictors with dichotomous outcomes.

Sociodemographic variables at pre-test were controlled for in all models. In all models, the criterion variable in question was controlled for at baseline (pre-test) and all other previous time points.

### ***Expectations as predictors for risky behavior.***

Model 1 tested whether pre-test pregnancy expectation (controlling for baseline/previous alcohol use) predicted alcohol use at times 2, 3, 4, 5. Model 2 tested whether pre-test pregnancy expectation (controlling for baseline/previous drug use) predicted drug use at times 2, 3, 4, and 5. Model 3 tested whether pre-test pregnancy expectation (controlling for baseline/previous marijuana use) predicted marijuana use at times 2, 3, 4, and 5. Model 4 tested whether pre-test pregnancy expectation (controlling for baseline/previous cigarette/chewing tobacco use) predicted cigarette/chewing tobacco use at times 2, 3, 4, and 5. Model 5 tested whether pre-test pregnancy expectation (controlling for baseline/previous truancy) predicted skipping school at times 2, 3, 4, and 5. Model 6 tested whether pre-test pregnancy expectation (controlling for baseline/previous vandalism) predicted vandalism at times 2, 3, 4, and 5. Model 7 tested whether pre-test pregnancy expectation (controlling for baseline/previous theft) predicted theft at times 2, 3, 4, and 5. Model 8 tested whether pre-test pregnancy expectation (controlling for baseline/previous number of sexual intercourse partners) predicted number of sexual intercourse partners at times 2, 3, 4, and 5. Model 9 tested whether pre-test pregnancy expectation (controlling for baseline/previous frequency of vaginal sex) predicted frequency of vaginal sex at times 2, 3, 4, and 5. Model 10 tested whether pre-test pregnancy expectation (controlling for baseline/previous engagement in unprotected sex at last intercourse) predicted birth control use at last sexual intercourse at times 2, 3, 4, and 5.

Models 1-10 were repeated, with pre-test STD expectations by age 25 replacing pre-test pregnancy expectations as a predictor for each risk behavior (models 11-20). This was repeated once again, with pre-test HIV/AIDS expectations by age 25 replacing pre-test pregnancy expectations as the predictor for risk behaviors in question (models 21-30). It is repeated again with pre-test expectations for educational attainment replacing pre-test pregnancy expectations as the predictor variable (models 31-40). It is again repeated, with pre-test STD expectations within the next six months replacing pre-test pregnancy expectations as the predictor variable (models



41-50). Models 1-10 were repeated once more, with pre-test HIV/AIDs expectations within the next six months replacing pre-test pregnancy expectations as the predictor variable (models 51-60).

These 60 regression models are then repeated with the predictor and outcome variables reversed. The same controls were also included.

***Risky behaviors as predictors for expectations.***

Model 61 tested whether pre-test alcohol use (controlling for baseline/previous pregnancy expectation) predicted pregnancy expectation at times 2, 3, 4, 5. Model 62 tested whether pre-test drug use (controlling for baseline/previous pregnancy expectation) predicted pregnancy expectation at times 2, 3, 4, and 5. Model 63 tested whether pre-test marijuana use (controlling for baseline/previous pregnancy expectation) predicted pregnancy expectation at times 2, 3, 4, and 5. Model 64 tested whether pre-test cigarette/chewing tobacco use (controlling for baseline/previous pregnancy expectation) predicted pregnancy expectation at times 2, 3, 4, and 5. Model 65 tested whether pre-test truancy (controlling for baseline/previous pregnancy expectation) predicted pregnancy expectation at times 2, 3, 4, and 5. Model 66 tested whether pre-test vandalism (controlling for baseline/previous pregnancy expectation) predicted pregnancy expectation at times 2, 3, 4, and 5. Model 67 tested whether pre-test theft (controlling for baseline/previous theft) predicted pre-test pregnancy expectation at times 2, 3, 4, and 5. Model 68 tested whether pre-test number of vaginal sex partners (controlling for baseline/previous pregnancy expectation) predicted pregnancy expectation at times 2, 3, 4, and 5. Model 69 tested whether pre-test sex frequency (controlling for baseline/previous pregnancy expectation) predicted pregnancy expectation at times 2, 3, 4, and 5. Model 70 tested whether pre-test engagement in unprotected sex at last intercourse (controlling for baseline/previous pregnancy expectation) predicted pregnancy expectation at times 2, 3, 4, and 5.

Models 61-70 were repeated, with pre-test STD expectations by age 25 replacing pre-test pregnancy expectations as the criterion (models 71-80). This was repeated once again, with pre-test HIV/AIDS expectations by age 25 replacing pre-test pregnancy expectations as the criterion variable (models 81-90). This was repeated again with pre-test expectations for educational attainment replacing pre-test pregnancy expectations as the criterion variable (models 91-100). This was repeated again, with pre-test expectations STD expectations within the next six months replacing pre-test pregnancy expectations as the criterion variable (models 101-110). This was repeated once more, with pre-test HIV/AIDS expectations within the next six months replacing pre-test pregnancy expectations as the criterion variable (111-120). Thus, there are 120 regression models in total.

For each of these 120 regressions, sociodemographic controls were entered into the model first, in block 1. The criterion of interest at baseline/all previous time points was entered next as a control. The predictor variable was entered last, by itself in block 3, with each block contributing unique variance to the criterion variable.

All standardized beta weights, R-squared, change in R-squared, *t* and F-statistics cited in-text for the above regressions are reported from block 3. Standardized beta weights are reported in the results section.

Additionally, sociodemographic measures were examined in linear regressions as predictors for expectations for pregnancy, STD contraction, HIV infection, and educational attainment, respectively. Bivariate correlations were run on all predictor and criterion variables at all time-points.

## **Results**

See Figures 2, 3, and 4 for summaries of significantly predictive relationships found.

## **Pregnancy Expectation and Risky Behavioral Outcomes**

### **Model 1 and 61: Pregnancy expectations and alcohol use.**

Results showed a reciprocal relationship between pregnancy expectations and alcohol use. Pregnancy expectations at pre-test predicted increased alcohol use at three months ( $\beta=.071$ ,  $t(792) = 2.621$ ,  $p = .009$ , 95% CI [.020, .137]). Pregnancy expectations explained unique variance in alcohol use at three months when sociodemographic variables and alcohol use at preceding time points were statistically accounted for,  $R^2 = .457$ ,  $\Delta R^2 = .005$ ,  $F(14, 792) = 47.553$ ,  $p < .001$ . (see Table 3.1)

Conversely, alcohol use at pre-test predicted increased pregnancy expectations at three months ( $\beta=.081$ ,  $t(792) = 2.381$ ,  $p = .017$ , 95% CI [.010, .101]) and six months ( $\beta=.098$ ,  $t(791) = 3.125$ ,  $p=.002$ , 95% CI [.026, .116]). It explained a small yet significant percentage of unique variance in pregnancy expectations at three months,  $R^2 = .175$ ,  $\Delta R^2 = .006$ ,  $F(14, 792) = 11.976$ ,  $p < .001$  and six months,  $R^2 = .300$ ,  $\Delta R^2 = .009$ ,  $F(15, 791) = 22.643$ ,  $p < .001$ . (see Table 3.2)

### **Model 2 and 62: Pregnancy expectations and drug use.**

Pregnancy expectations at pre-test predicted increased drug use at post-test ( $\beta=.063$ ,  $t(793) = 2.164$ ,  $p=.031$ ;  $R^2 = .265$ ,  $F(13, 793) = 38.152$ ,  $p < .001$ ) and six months ( $\beta=.080$ ,  $t(791) = 2.542$ ,  $p = .011$ ;  $R^2 = .267$ ,  $F(15, 791) = 18.968$ ,  $p < .001$ ). (see Table 3.3) Conversely, drug use at pre-test predicted increased pregnancy expectations at three months,  $\beta=.068$ ,  $t(792) = 2.043$ ,  $p = .041$ ;  $R^2 = .173$ ,  $F(14, 792) = 11.847$ ,  $p < .001$ . (see Table 3.4)

### **Model 3 and 63: Pregnancy expectations and marijuana use.**

Pregnancy expectations at pre-test did not significantly predict marijuana use at subsequent time points. In the reverse direction, marijuana use at pre-test predicted increased

pregnancy expectations six months later,  $\beta=.077$ ,  $t(791) = 2.452$ ,  $p = .014$ ;  $R^2=.297$ ,  $F(15, 791)=22.290$ ,  $p<.001$ . (see table 3.5)

**Model 4 and 64: Pregnancy expectations and cigarette smoking/tobacco chewing.**

Pre-test pregnancy expectations did not significantly predict smoking at subsequent time points. In the reverse direction, smoking at pre-test predicted increased pregnancy expectations at six months,  $\beta=.065$ ,  $t(791) = 2.031$ ,  $p = .043$ ;  $R^2=.295$ ,  $F(15, 791)=22.112$ ,  $p<.001$ . (see table 3.6)

**Model 5 and 65: Pregnancy expectations and truancy.**

Pre-test pregnancy expectations positively predicted skipping school six and twelve months later (Table 3.7). Truancy at pre-test did not significantly predict later pregnancy expectations.

**Model 6 and 66: Pregnancy expectations and vandalism.**

Pregnancy expectations at pre-test predicted increased vandalism at three months (Table 3.8). Conversely, vandalism behaviors at pre-test did not significantly predict pregnancy expectations.

**Model 7 and 67: Pregnancy expectations and theft.**

Pregnancy expectations positively predicted stealing at three months (Table 3.9). Stealing at pre-test did not significantly predict subsequent pregnancy expectations.

**Model 8 and 68: Pregnancy expectations and sexual intercourse partners.**

Pregnancy expectations positively predicted the number of sexual intercourse partners at three months and twelve months (Table 4.0). Conversely, reported number of sexual partners at pre-test predicted increased pregnancy expectations at post-test (Table 4.1).

**Model 9 and 69: Pregnancy expectations and vaginal sex frequency.**

Pregnancy expectations at pre-test did not significantly predict vaginal sex frequency. On the other hand, sex frequency at pre-test predicted increased pregnancy expectations at post-test, six months, and twelve months (Table 4.2).

**Model 10 and 70: Pregnancy expectations and unprotected sex.**

Pregnancy expectations at pre-test positively predicted reports of not using a birth control method at most recent sexual encounter at three months (Table 4.3). However, pre-test reports of not using birth control at most recent sexual encounter did not significantly predict later pregnancy expectations.

**STD Expectation by Age 25 and Risky Behavioral Outcomes**

**Model 11 and 71: STD expectations and alcohol use.**

STD expectations at pre-test did not predict alcohol use; however, alcohol use at pre-test predicted increased STD expectations at three months (Table 4.4).

**Model 12 and 72: STD expectations and drug use.**

STD expectations did not significantly predict drug use; however, drug use at pre-test predicted STD expectations at three months (Table 4.5).

**Model 13 and 73: STD expectations and marijuana use.**

STD expectations did not significantly predict marijuana use; however, marijuana use at three months and six months (Table 4.6).

**Model 14 and 74: STD expectations and cigarette smoking/tobacco use.**

There was no predictive relationship found between STD expectations and cigarette smoking/tobacco use.

**Model 15 and 75: STD expectations and truancy.**

Pre-test STD expectations predicted increased skipping of school at twelve months (Table 4.7). Conversely, skipping school at pre-test predicted STD expectations at post-test (Table 4.8).

**Model 16 and 76: STD expectations and vandalism.**

STD expectations at pre-test predicted increased vandalism at post-test (Table 4.9). Pre-test vandalism behaviors did not significantly predict later STD expectations.

**Model 17 and 77: STD expectations and theft.**

There was no significant predictive relationship between STD expectations and theft.

**Model 18 and 78: STD expectations and sexual intercourse partners.**

Pre-test STD expectations at pre-test positively predicted the number of sexual intercourse partners at six and twelve months (Table 5.0). Conversely, self-reported number of partners at pre-test significantly predicted STD expectations at post-test and three months (Table 5.1).

**Model 19 and 79: STD expectations and frequency of vaginal sex.**

STD expectations at pre-test predicted increased sex frequency at six months (Table 5.2). Sex frequency at pre-test did not significantly predict subsequent STD expectations.

**Model 20 and 80: STD expectations and unprotected sex.**

There was no significant predictive relationship between STD expectations and engagement in unprotected sex.

**HIV/AIDS Expectations by Age 25 and Risky Behavioral Outcomes**

**Model 21 and 81: HIV/AIDS expectations and alcohol use.**

There was no significant predictive relationship between expectations for future HIV/AIDS contraction and alcohol use.

**Model 22 and 82: HIV/AIDS expectations and drug use.**

Pre-test expectations for future HIV/AIDS contraction did not significantly predict drug use; however, drug use at pre-test significantly predicted increased HIV/AIDS expectations at three months (Table 5.3).

**Model 23 and 83: HIV/AIDS expectations and marijuana use.**

Pre-test expectations for future HIV/AIDS contraction did not significantly predict marijuana use; however, marijuana use at pre-test significantly predicted increased HIV/AIDS expectations at three months and six months (Table 5.4).

**Model 24 and 84: HIV/AIDS expectations and cigarette smoking/tobacco use.**

HIV/AIDS expectations significantly predicted increased cigarette smoking/tobacco use at post-test (Table 5.5). However, cigarette smoking/tobacco use did not significantly predict increased later HIV/AIDS expectations.

**Model 25 and 85: HIV/AIDS expectations and truancy.**

Pre-test expectations for future HIV/AIDS contraction predicted increased skipping at twelve months (Table 5.6). Conversely, skipping school at pre-test significantly predicted increased HIV/AIDS expectations at six months (Table 5.7).

**Model 26 and 86: HIV/AIDS expectations and vandalism.**

HIV/AIDS expectations at pre-test significantly predicted increased vandalism behaviors at post-test (Table 5.8). In the reverse direction, vandalism at pre-test predicted HIV/AIDS expectations at six months (Table 5.9).

**Model 27 and 87: HIV/AIDS expectations and theft.**

There was no significant predictive relationship between HIV/AIDS expectations and stealing.

**Model 28 and 88: HIV/AIDS expectations and sexual intercourse partners.**

There was no significant predictive relationship between HIV/AIDS expectations and reported number of sexual intercourse partners.

**Model 29 and 89: HIV/AIDS expectations and frequency of vaginal sex.**

There was no significant predictive relationship between HIV/AIDS expectations and frequency of vaginal sex.

**Model 30 and 90: HIV/AIDS expectations and unprotected sex.**

There was no significant predictive relationship between HIV/AIDS expectations and engagement in unprotected sex.

**Expectations for Educational Attainment and Risky Behavioral Outcomes****Model 31 and 91: Education and alcohol use.**

Expectations for educational attainment at pre-test did not significantly predict alcohol use; however, alcohol use at pre-test predicted decreased expectations for educational attainment at three months (Table 6.0).

**Model 32 and 92: Education expectations and drug use.**

Expectations for educational attainment at pre-test negatively predicted drug use at three months (Table 6.1). Drug use at pre-test did not significantly predict educational expectations.

**Model 33 and 93: Education expectations and marijuana use.**

Educational expectations for educational attainment at pre-test did not significantly predict later marijuana use. However, marijuana use at pre-test predicted decreased educational expectations at three months and six months (Table 6.2).

**Model 34 and 94: Education expectations and cigarette smoking/tobacco use.**



There was no predictive relationship between education expectations and cigarette smoking/tobacco use.

**Model 35 and 95: Education expectations and truancy.**

There was no predictive relationship between education expectations and skipping school.

**Model 36 and 96: Education expectations and vandalism.**

There was no predictive relationship between education expectations and vandalism

**Model 37 and 97: Education expectations and theft.**

There was no predictive relationship between education expectations and stealing.

**Model 38 and 98: Education expectations and sexual intercourse partners.**

Educational expectations at pre-test did not significantly predict number of sexual intercourse partners; however, self-reported number of sexual partners at pre-test predicted decreased educational expectations at three months (Table 6.3).

**Model 39 and 99: Education expectations and frequency of vaginal sex.**

Educational expectations at pre-test did not significantly predict frequency of vaginal intercourse; however, self-reported sex frequency at pre-test predicted decreased educational expectations at six months (Table 6.4).

**Model 40 and 100: Education expectations and unprotected sex.**

There was no significant predictive effect between educational expectations and engagement in unprotected sex.

**STD Expectation in the Next Six Months and Risky Behavioral Outcomes**

**Model 41 and 101: STD expectations and alcohol use.**

Pre-test STD expectations did not significantly predict alcohol use. Pre-test alcohol use significantly predicted increased STD expectations at three months and six-months (Table 6.5).

**Model 42 and 102: STD expectations drug use.**

Pre-test STD expectations did not significantly predict drug use. However, pre-test drug use significantly predicted increased STD expectations at three months (Table 6.6).

**Model 43 and 103: STD expectations and marijuana use.**

Pre-test STD expectations did not significantly predict marijuana use. However, marijuana use at pre-test significantly predicted increased STD expectations at three months and six months (Table 6.7).

**Model 44 and 104: STD expectations and cigarette smoking/tobacco use.**

STD expectations at pre-test did not significantly predict cigarette smoking. Pre-test cigarette smoking/tobacco use and predicted increased STD expectations at six months (Table 6.8).

**Model 45 and 105: STD expectations and truancy.**

Pre-test STD expectations did not significantly predict truancy. However, pre-test truancy predicted increased STD expectations at six months (Table 6.9).

**Model 46 and 106: STD expectations and vandalism.**

Pre-test STD expectation significantly predicted increased vandalism at post-test (Table 7.0). Pre-test vandalism significantly predicted increased STD expectations at three months (Table 7.1).

**Model 47 and 107: STD expectations and theft.**

Pre-test STD expectation did not significantly predicted theft. Pre-test theft predicted increased STD expectations at six months (Table 7.2).

**Model 48 and 108: STD expectations and sexual intercourse partners.**

There was not a significant predictive relationship between STD expectations and sexual intercourse partners.

**Model 49 and 109: STD expectations and frequency of vaginal sex.**

There was no significant predictive relationship between STD expectations and sex frequency.

**Model 50 and 100: STD expectations and unprotected sex.**

There was no significant relationship between STD expectations and unprotected sex.

**HIV/AIDS Expectation in the Next Six Months and Risky Behavioral Outcomes****Model 51 and 101: HIV/AIDS expectations and alcohol use**

There was no significant predictive relationship between HIV/AIDS expectations and alcohol use.

**Model 52 and 102: HIV/AIDS expectations and drug use.**

Pre-test expectations for HIV/AIDS predicted increased drug use at post-test (Table 7.3). Pre-test drug use did not significantly predict subsequent HIV/AIDS expectations.

**Model 53 and 103: HIV/AIDS expectations and marijuana use.**

Pre-test HIV/AIDS expectations did not significantly predict marijuana use; however, pre-test marijuana use significantly predicted increased HIV/AIDS expectations at three months (Table 7.4).

**Model 54 and 104: HIV/AIDS expectations and cigarette smoking/tobacco use.**

Pre-test HIV/AIDS expectations significantly predicted increased cigarette smoking/tobacco use at three months (Table 7.5). However, pre-test cigarette smoking/tobacco use did not significantly predict later HIV/AIDS expectations.

**Model 55 and 105: HIV/AIDs expectations and truancy.**

Pre-test expectations for future HIV/AIDS contraction predict increased skipping school at twelve months (Table 7.6). However, skipping school at pre-test did not significantly predict subsequent HIV/AIDS expectations.

**Model 56 and 106: HIV/AIDs expectations and vandalism**

Pre-test HIV/AIDS expectations significantly predicted increased vandalism at post-test (Table 7.7). However, vandalism at pre-test did not significantly predict later HIV/AIDs expectations.

**Model 57 and 107: HIV/AIDs expectations theft.**

Pre-test HIV/AIDs expectations significantly predicted increased theft at post-test (Table 7.8). Pre-test theft did not significantly predict HIV/AIDs expectation, however.

**Model 58 and 108: HIV/AIDs expectation and sexual intercourse partners.**

There was no significant predictive relationship between HIV/AIDs expectation and sexual intercourse partners.

**Model 59 and 109: HIV/AIDS expectations and frequency of vaginal sex.**

There was no significant predictive relationship between HIV/AIDs expectation and frequency of vaginal sex.

**Model 60 and 110: HIV/AIDS expectations and unprotected sex.**

There was no significant predictive relationship between HIV/AIDs expectations and engagement in unprotected sex.

**Sociodemographic Variables (at Pre-test) as Predictors for Negative Expectations**

Females were significantly less likely to have expectations for teenage pregnancy, STD (by age 25) contraction, and HIV/AIDS (by age 25) infection across all time points.

African-American youths were significantly more likely than Hispanic and Caucasian youths to have increased expectations for pregnancy (post-test and six months), STD (age 25) contraction (three months, six months) and HIV/AIDs infection (age 25) (only at six months).

Low grades were positively predictive of expectations for pregnancy, STD (age 25) and HIV (age 25) infection at all time points, and predictive of decreased educational expectations at all time points.

Receipt of a free lunch predicted increased pregnancy expectations at post-test and three months.

Paternal education predicted significantly lower pregnancy expectations at post-test and six months; maternal education predicted lower pregnancy expectations at three and six months. Both maternal and paternal education predicted increased educational expectations at all time points. Maternal education predicted decreased STD expectations at post-test and six months (see Tables 1.0, 1.5, 2.0 and 2.5). These results were reported from block 1 data.

Overall, the means for STD, pregnancy and HIV/AIDS expectations were low, indicating that many respondents either “strongly disagreed” or “disagreed” that they were likely to encounter these outcomes in the near future (see Table 3.0).

## **Discussion**

Expectations at pre-test influenced risky behaviors, though this was not always seen across all four time points. Pregnancy expectations appeared to influence behavior more than expectations for educational attainment, STD contraction and HIV/AIDs contraction. There was a positive reciprocal relationship seen at multiple time points between pregnancy expectations and engagement in substance use (alcohol and drugs), and sexual risk-taking (greater number of

partners). Questions about pregnancy expectations might prove appropriate for inclusion in psychosocial assessments and interviews, as it is a marker for adolescents' involvement in risky behavior.

As African-Americans had significantly higher pregnancy expectations than other racial/ethnic groups across all time points, they may be a good target for intervention efforts. In a recent study, sexually inexperienced African-American male and female adolescents in grades six and seven from low-income urban communities participated in an abstinence-based intervention. When compared to those who participated in an intervention dedicated to teaching safe sex, a comprehensive intervention emphasizing both abstinence and safe sex options, and a control intervention on healthy eating and exercising, those enrolled in the abstinence-based intervention were significantly less likely to report having initiated sexual intercourse at the 24-month follow-up. The program did not negatively affect condom use for those who initiated. The abstinence-based program was designed to teach how abstinence can prevent HIV and STIs, increase knowledge about HIV and STIs, and build sexual refusal skills. In contrast to many of the federally funded abstinence-only education programs currently in place, the program did not criticize condom use (it did not encourage it either) or take a moralistic tone. This represents the first evidence in the scientific literature to suggest that, for some populations, abstinence-only programs may be effective in preventing teen pregnancy (Jemmott, Jemmott & Fong, 2010).

Notably, teens' expectations for future outcomes did at times reflect their current behaviors. For example, reported sex frequency at pre-test significantly predicted increased expectations for pregnancy at post-test, six and twelve months. In addition, number of intercourse partners at pre-test predicted increased pregnancy expectations at post-test, as well as expectations for STD contraction by age 25 at post-test and three months.

However, expectations for future outcomes did not always appear to reflect current behaviors. For example, engagement in unprotected sex at pre-test significantly predicted neither pregnancy expectations nor expectations for STD or HIV/AIDS contraction by age 25. Additionally, neither sexual intercourse partners nor sex frequency at pre-test significantly predicted later expectations for HIV/AIDS by age 25. Sex frequency at pre-test also did not significantly predict subsequent expectations for STD infection by age 25. These represent unsettling findings given the disproportionately high rates of pregnancy, STD and HIV/AIDS infection in adolescents. Lastly, truancy at pre-test did not significantly predict subsequent expectations for educational attainment.

This author did not find as consistent or strong a reciprocal relationship between negative expectations and unsafe sexual activity and illicit drug use as did Borowsky (2009). This could be partly a consequence of the more severely fatalistic nature of his expectation measure (50% or higher perceived likelihood of death by age 35).

While educational expectations generally did not predict subsequent risky behaviors, engagement in risky behavior substance use such as alcohol, marijuana, and drug consumption significantly decreased expectations for educational attainment. Educators who notice a decline in scholastic interest might consider the possibility that this could be related to substance use.

Expectations for HIV/AIDS contraction, arguably the most fatalistic expectation for the future, did not significantly predict risky behaviors as consistently across time points as did pregnancy expectations. This could be due to the fact that only a small minority (1.7%) of adolescents 'agreed' or 'strongly agreed' that they were likely to contract HIV/AIDs by age 25. The mean number of sexual partners for the adolescents in the study was fairly low, between 0 and 1 ( $M=.38$ ,  $SD=.86$ ,  $range=0-11$ ). A 2008 report by the National Center for Health Statistics

reported only one-half of one percent of young adults were infected with the virus. These could be contributing factors as to why the majority of adolescents did not feel vulnerable to HIV/AIDS infection in the near future. However, it remains troubling that, in an ordinal sense, increased risky sexual behavior did not predict increases in expectations for HIV/AIDS contraction.

Notably, however, expectations for HIV/AIDS contraction in the next six months was significantly predictive of more risk behaviors involving substance use and delinquency than were expectations for HIV/AIDS contraction by age 25 (see Figure 2). The shorter expected time frame for experiencing this negative outcome might be associated with an increased present-time perspective, more feelings of frustration and depression, and greater involvement in destructive or hedonistic behaviors.

Though only a minority of adolescents held very negative expectations, it is important to be aware that risk perceptions positively predicted involvement in subsequent risk behaviors. At-risk adolescents could potentially benefit from cognitive-behavioral interventions that promote realistic optimism for the future, teach concrete strategies for risk avoidance such as refusal skills, and emphasize self-efficacy and the preventable nature of these outcomes.



## References

- Aizer, A. (2004). Home alone: supervision after school and child behavior. *Journal of Public Economics*, 88, 1835-1848. doi:10.1016/S0047-2727(03)00022-7
- Ajzen, I. & Fishbein, M. (1980). *Understanding attitudes and predicting social behavior*. Englewood Cliffs, New Jersey: Prentice-Hall.
- Beyth-Marom, R., Austin L., Fischhoff, B., Palmgren, C., & Jacobs-Quadrel, M. (1993). Perceived consequences of risky behaviors: adults and adolescents. *Developmental Psychology*, 29(3), 549–563. doi:10.1037/0012-1649.29.3.549
- Borowsky, I.W., Ireland, M. & Resnick, M.D. (2009). Health status and behavioral outcomes for youth who anticipate a high likelihood of early death. *Pediatrics*, 124(1), 80-88. doi:10.1542/peds.2008-3425
- Elkind, D. (1967). Egocentrism in adolescence. *Child Development*, 38(4), 1025–1034. doi:10.2307/1127100
- Fischhoff B., Parker, A.M., Bruine de Bruin, W., Downs, J., Palmgren, C., Dawes, R. & Manski, C.F. (2000). Teen expectations for significant life events. *Public Opinion Quarterly*, 64(2), 189-205. doi: 10.1086/317762
- Harris, K.M., Duncan, G.J., & Boisjoly, J. (2002). Evaluating the role of “nothing to lose” attitudes on risky behavior in adolescence. *Social forces*, 80 (3), 1005-1039. doi: 10.1353/sof.2002.0008
- Henson, J.M., Carey, M.P., Carey, K.B., & Maisto, S.A. (2006). Associations among health behaviors and time perspective in young adults. *Journal of Behavioral Medicine*, 29(2), 127-137. doi: 10.1007/s10865-005-9027-2
- Hoffman, S. (2006). By the numbers: The public costs of teen childbearing. National

Campaign to Prevent Teen Pregnancy: Washington, D.C.

Jemmott, J. B., III, Jemmott, L. S., & Fong, G. T. (2010). Efficacy of a theory-based abstinence-only intervention over 24 months: A randomized controlled trial with young adolescents. *Archives of Pediatrics & Adolescent Medicine*, 164(2), 152-159  
doi:10.1001/archpediatrics.2009.267

Luster, Tom, & Stephen, A.S. (1994). Factors associated with sexual risk taking behaviors among adolescents. *Journal of Marriage and the Family*, 56, 622-632. doi:10.2307/352873

Mills, B. (2009). *Theoretically, motivated curricula for reducing sexual risk taking in adolescence: a randomized control trial* (Unpublished doctoral dissertation). Cornell University, New York.

Mills, B., Reyna, V.F., & Estrada, S (2008). Explaining contradictory relations between risk perception and risk taking. *Psychological Science*, 19, 429-33. doi:10.1111/j.1467-9280.2008.02104

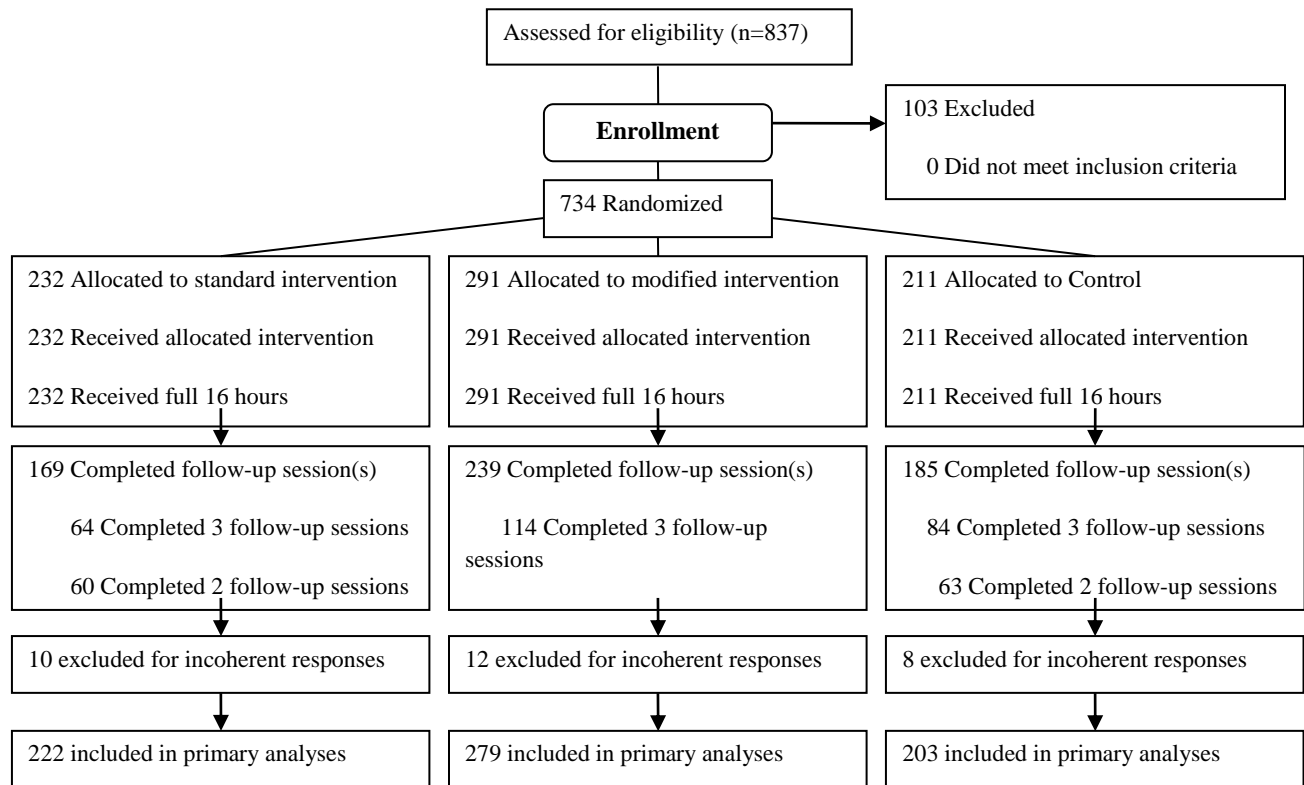
Millstein, S.G., Halpern-Felsher, B.L. (2002). Perceptions of risk and vulnerability. *Journal of Adolescent Health*, 31(1), 10-27. doi:10.1016/S1054-139X(02)00412-3

Ohannessian, Christine, & Crockett, L. (1993). A longitudinal investigation of the relationship between educational investment and adolescent sexual activity. *Journal of Adolescent Research*, 8, 167-182. doi:10.1177/074355489382003

Peterson C, Seligman, M.E. (1984). Causal explanations as a risk factor for depression: theory and evidence. *Psychological Review*, 91(3), 347-374. doi:10.1037/0033-295X.91.3.347

Plotnick, R.D. (1992). The effects of attitudes on teenage premarital pregnancy and its resolution. *American Sociological Review*, 57, 800-811. doi:10.2307/2096124

- Quadrel, M.J., Fischhoff, B., & Davis, W. (1993). Adolescent (in)vulnerability. *American Psychologist*, 48(2), 102-116. doi:10.1037/0003-066X.48.2.102
- Reyna, V.F. (2008). A theory of medical decision making and health: fuzzy-trace theory. *Medical Decision Making*, 28, 850-865. doi: 10.1177/0272989X08327066
- Reyna, V. F., & Farley, F. (2006). Risk and rationality in adolescent decision-making: implications for theory, practice, and public policy. *Psychological Science in the Public Interest*, 7(1), 1-44. doi:10.1111/j.1529-1006.2006.00026
- Reyna, V.F. & Rivers, S.E. (2008). Current theories of risk and rational decision making. *Developmental Review*, 28(1), 1-11. doi: 10.1016/j.dr.2008.01.002
- Wills, T.A., Sandy J.M., Yaeger, A.M. (2001). Time perspective and early-onset substance use: A model based on stress-coping theory. *Psychology of Addictive Behaviors*, 15(2), 118–125. doi:10.1037/0893-164X.15.2.118
- Zimbardo, P.G. & Boyd, J.N. (1999). Putting time in perspective: A valid, reliable individual-differences metric. *Journal of Personality and Social Psychology*, 77(6), 1271-1288. doi:10.1037/0022-3514.77.6.1271
- Zimbardo, P.G., Keough, K.A. & Boyd, J.N. (1997). Present time perspective as a predictor of risky driving. *Personality and Individual Differences*, 23, 1007–1023. doi:10.1016/S0191-8869(97)00113-X



Source: Mills, B., 2009. Theoretically, motivated curricula for reducing sexual risk taking in adolescence: a randomized control trial, "Doctoral Dissertation," Cornell University.

*Figure 1.*

Table 1.0: *Summary of Linear Regression Analysis: Sociodemographic Predictors of Pregnancy Expectations*

	B	SE(B)	$\beta$	<i>t</i>	95% CI
Post-test					
(Constant)	.844	.481		1.754	[-.100, 1.789]
RTR	-.011	.072	-.006	-.155	[-.152, .130]
RTR+	-.063	.069	-.038	-.918	[-.198, .072]
Gender	-.219***	.058	-.132	-3.789	[-.332, -.105]
Age	-.014	.029	-.017	-.479	[-.072, .044]
Hispanic	.080	.085	.036	.938	[-.087, .247]
African-American	.176*	.070	.097	2.507	[.038, .314]
Grades	.099***	.034	.104	2.896	[.032, .166]
Supervision	.028	.028	.035	.998	[-.027, .082]
Mom education	-.033	.032	-.041	-1.022	[-.097, .030]
Dad education	-.064	.032	-.078	-1.982	[-.127, -.001]
Free lunch	.172*	.069	.096	2.505	[.037, .307]
Living arrang.	.049	.066	.027	.746	[-.080, .178]
R <sup>2</sup>	.086				
F	6.072***				
3 mos.					
(Constant)	1.196	.403		2.965	[.404, 1.988]
RTR	-.036	.060	-.024	-.595	[-.154, .082]
RTR+	-.093	.058	-.066	-1.606	[-.206, .021]

Gender	-.176***	.048	-.126	-3.633	[-.271, -.081]
Age	-.028	.025	-.039	-1.133	[-.077, .021]
Hispanic	.009	.071	.005	.129	[-.131, .149]
African-American	.046	.059	.030	.779	[-.070, .161]
Grades	.082**	.029	.102	2.870	[.026, .139]
Supervision	.037	.023	.056	1.584	[-.009, .083]
Mom education	-.073**	.027	-.106	-2.690	[-.126, -.020]
Dad education	-.044	.027	-.064	-1.621	[-.097, .009]
Free lunch	.165**	.058	.109	2.857	[.052, .278]
Living arrang.	.042	.055	.028	.769	[-.066, .150]
R <sup>2</sup>	.095				
F	6.798***				

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6 mos.

(Constant)	1.758	.392		4.482	[.988, 2.528]
RTR	-.107	.058	-.069	-1.832	[-.222, .008]
RTR+	-.090	.056	-.061	-1.608	[-.200, .020]
Gender	-.394***	.047	-.269	-8.379	[-.487, -.302]
Age	-.047	.024	-.063	-1.957	[-.094, .000]
Hispanic	.205**	.069	.103	2.948	[.068, .341]
African-American	.282***	.057	.175	4.937	[.170, .395]
Grades	.107***	.028	.127	3.847	[.053, .162]
Supervision	.038	.023	.054	1.669	[-.007, .082]

Mom education	-.062*	.026	-.086	-2.365	[-.114, -.011]
Dad education	-.098***	.026	-.136	-3.733	[-.150, -.047]
Free lunch	.097	.056	.062	1.736	[-.013, .207]
Living arrang.	.089	.053	.056	1.661	[-.016, .194]
R <sup>2</sup>	.225				
F	18.805***				

12  
mos.

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(Constant)	.192	.438		.438	[-.667, 1.051]
RTR	-.049	.065	-.031	-.749	[-.177, .079]
RTR+	-.031	.063	-.020	-.499	[-.154, .092]
Gender	-.328***	.052	-.217	-6.251	[-.431, -.225]
Age	.035	.027	.046	1.319	[-.017, .088]
Hispanic	.081	.077	.039	1.046	[-.071, .233]
African-American	-.078	.064	-.047	-1.224	[-.203, .047]
Grades	.121***	.031	.139	3.888	[.060, .182]
Supervision	.016	.025	.022	.625	[-.034, .065]
Mom education	-.042	.029	-.056	-1.421	[-.100, .016]
Dad education	.001	.029	.001	.029	[-.057, .058]
Free lunch	.122	.063	.075	1.956	[.000, .245]
Living arrang.	.025	.060	.015	.424	[-.092, .142]
R <sup>2</sup>	.097				
F	6.970***				

Note:  $N=807$ ;  $CI$  = Confidence Interval. \* $p<.05$  \*\* $p<.01$  \*\*\* $p<.001$ . All statistics reported from Block 1. Pregnancy expectations were measured on a five point scale ranging from strongly disagree to strongly agree, scored from 0 to 4.

Table 1.5 *Summary of Linear Regression Analysis: Sociodemographic predictors of STD Expectations by Age 25*

	B	SE(B)	$\beta$	$t$	95% CI
Post-test					
(Constant)	1.105	.473		2.339	[.178, 2.033]
RTR	-.065	.070	-.038	-.925	[-.203, .073]
RTR+	-.032	.068	-.020	-.476	[-.165, .101]
Gender	-.215***	.057	-.134	-3.788	[-.326, -.103]
Age	-.038	.029	-.046	-1.305	[-.095, .019]
Hispanic	-.140	.084	-.064	-1.678	[-.304, .024]
African-American	-.013	.069	-.007	-.189	[-.148, .122]
Grades	.114**	.034	.123	3.385	[.048, .180]
Supervision	.038	.027	.050	1.400	[-.015, .092]
Mom education	-.069*	.032	-.087	-2.174	[-.132, -.007]
Dad education	.004	.032	.006	.138	[-.058, .067]
Free lunch	.102	.068	.059	1.516	[-.030, .235]
Living arrangement	.080	.064	.046	1.245	[-.046, .207]
$R^2$	.065				
F	4.515				



3 mos.

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(Constant)	.817	.398		2.051	[.035, 1.598]
RTR	.084	.059	.059	1.412	[-.033, .200]
RTR+	.041	.057	.030	.722	[-.071, .153]
Gender	-.166***	.048	-.123	-3.474	[260, -.072]
Age	-.018	.024	-.026	-.746	[-.066, .030]
Hispanic	-.036	.070	-.020	-.518	[-.175, .102]
African-American	.129*	.058	.087	2.227	[.015, .243]
Grades	.079	.028	.101	2.775	[.023, .134]
Supervision	.011	.023	.016	.457	[-.035, .056]
Mom education	-.047	.027	-.071	-1.762	[-.100, .005]
Dad education	.001	.027	.002	.051	[-.051, .054]
Free lunch	.108	.057	.074	1.901	[-.004, .220]
Living arrangement	-.080	.054	-.054	-1.466	[-.186, .027]
R <sup>2</sup>	.055				
F	3.740				

---

6 mos.

(Constant)	1.587	.381		4.172	[.840, 2.334]
RTR	-.066	.057	-.046	-1.164	[-.177, .045]
RTR+	-.137*	.054	-.100	-2.516	[-.244, -.030]

Gender	-.320***	.046	-.236	-7.001	[-.409, -.230]
Age	-.043	.023	-.062	-1.831	[-.088, .003]
Hispanic	.202**	.067	.110	2.994	[.069, .334]
African-American	.186***	.056	.125	3.348	[.077, .295]
Grades	.095***	.027	.121	3.506	[.042, .148]
Supervision	.010	.022	.015	.433	[-.034, .053]
Mom education	-.081**	.026	-.121	-3.157	[-.131, -.031]
Dad education	-.029	.026	-.044	-1.152	[-.080, .021]
Free lunch	-.011	.054	-.008	-.203	[-.118, .096]
Living arrangement	.051	.052	.035	.987	[-.051, .153]
R <sup>2</sup>	.148				
F	11.229				

---

12 mos.

(Constant)	1.139	.408		2.789	.337, 1.941
RTR	-.038	.061	-.025	-.618	-.157, .082
RTR+	-.057	.058	-.039	-.970	-.171, .058
Gender	-.373***	.049	-.258	-7.622	-.469, -.277
Age	-.033	.025	-.044	-1.315	-.082, .016
Hispanic	.287***	.072	.146	3.968	.145, .429
African-American	.088	.060	.055	1.478	-.029, .205

Grades	.100***	.029	.120	3.449	.043, .157
Supervision	.035	.024	.051	1.490	-.011, .081
Mom education	-.048	.027	-.068	-1.751	-.102, .006
Dad education	-.012	.027	-.016	-.426	-.065, .042
Free lunch	.011	.058	.007	.183	-.104, .125
Living arrangement	.084	.056	.053	1.506	-.025, .193
R <sup>2</sup>	.138				
F	10.342				

Note:  $N=807$ ;  $CI$  = *Confidence Interval*. \* $p<.05$  \*\* $p<.01$  \*\*\* $p<.001$ . All statistics reported from Block 1. STD expectations were measured on a five point scale ranging from strongly disagree to strongly agree, scored from 0 to 4.

Table 2.0 *Summary of Linear Regression Analysis: Sociodemographic predictors of HIV/AIDS Expectations by Age 25*

	B	SE(B)	$\beta$	$t$	95% CI
Post-test					
(Constant)	1.493	.444		3.359	[.621, 2.366]
RTR	.000	.066	.000	.004	[-.130, .130]
RTR+	-.058	.064	-.038	-.906	[-.182, .067]
Gender	-.173***	.053	-.115	-3.250	[-.278, -.069]
Age	-.060*	.027	-.077	-2.196	[-.113, -.006]
Hispanic	-.058	.079	-.028	-.741	[-.213, .096]
African-American	-.063	.065	-.038	-.965	[-.190, .065]
Grades	.106***	.032	.121	3.343	[.044, .168]

Supervision	.023	.026	.031	.880	[-.028, .073]
Mom's education	-.068*	.030	-.091	-2.262	[-.126, -.009]
Dad's education	-.015	.030	-.020	-.490	[-.073, .044]
Free lunch	.109	.064	.067	1.721	[-.015, .234]
Living arrang.	-.001	.061	-.001	-.017	[-.120, .118]
R <sup>2</sup>	.063				
F	4.334				

---

 3 mos.

(Constant)	.901	.398		2.265	[.120, 1.681]
RTR	.057	.059	.040	.955	[-.060, .173]
RTR+	.071	.057	.052	1.247	[-.041, .183]
Gender	-.177***	.048	-.131	-3.714	[-.271, -.084]
Age	-.027	.024	-.039	-1.098	[-.075, .021]
Hispanic	-.088	.070	-.048	-1.250	[-.226, .050]
African-American	.032	.058	.021	.549	[-.082, .146]
Grades	.097***	.028	.125	3.420	[.041, .152]
Supervision	.037	.023	.057	1.603	[-.008, .082]
Mom education	-.031	.027	-.046	-1.149	[-.083, .022]
Dad education	-.043	.027	-.064	-1.601	[-.095, .010]
Free lunch	.051	.057	.035	.892	[-.061, .162]

Living arrang.	-.068	.054	-.047	-1.260	[-.175, .038]
R <sup>2</sup>	.059				
F	4.048				

---

6 mos.

(Constant)	2.053	.378		5.431	[1.311, 2.794]
RTR	-.081	.056	-.058	-1.434	[-.191, .030]
RTR+	-.105	.054	-.079	-1.934	[-.211, .002]
Gender	-.229***	.045	-.174	-5.044	[-.318, -.140]
Age	-.085***	.023	-.126	-3.669	[-.130, -.040]
Hispanic	-.091	.067	-.051	-1.366	[-.223, .040]
African-American	.164**	.055	.114	2.978	[.056, .272]
Grades	.105**	.027	.138	3.891	[.052, .157]
Supervision	-.023	.022	-.037	-1.065	[-.066, .020]
Mom education	-.046	.025	-.072	-1.823	[-.096, .004]
Dad education	-.009	.025	-.014	-.363	[-.059, .041]
Free lunch	.048	.054	.034	.881	[-.058, .154]
Living arrang.	.002	.051	.002	.048	[-.099, .104]
R <sup>2</sup>	.105				
F	7.557				

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12

mos.

(Constant)	.650	.391		1.664	[-.117, 1.418]
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RTR	-.131*	.058	-.090	-2.255	[-.245, -.017]
RTR+	-.103	.056	-.074	-1.836	[-.212, .007]
Gender	-.358***	.047	-.260	-7.634	[-.450, -.266]
Age	.007	.024	.010	.292	[-.040, .054]
Hispanic	.003	.069	.002	.045	[-.133, .139]
African-American	.060	.057	.040	1.052	[-.052, .172]
Grades	.099***	.028	.125	3.577	[.045, .154]
Supervision	.010	.023	.015	.433	[-.035, .054]
Mom education	-.045	.026	-.067	-1.727	[-.097, .006]
Dad education	-.041	.026	-.060	-1.553	[-.092, .011]
Free lunch	.065	.056	.044	1.159	[-.045, .174]
Living arrang.	.078	.053	.052	1.470	[-.026, .183]
R <sup>2</sup>	.127				
F	9.377				

Note:  $N=807$ ;  $CI$  = Confidence Interval. \* $p<.05$  \*\* $p<.01$  \*\*\* $p<.001$ . All statistics reported from Block 1. HIV/AIDS expectations were measured on a five point scale ranging from strongly disagree to strongly agree, scored from 0 to 4.

Table 2.5 *Summary of Linear Regression Analysis: Sociodemographic predictors of Educational Expectations*

	B	SE(B)	$\beta$	$t$	95% CI
Post-test (Constant)	3.772	.356		10.591	[3.073, 4.471]
RTR	-.069	.053	-.051	-1.304	[-.173, .035]
RTR+	-.037	.051	-.028	-.722	[-.137, .063]

	Gender	.081	.043	.062	1.886	[-.003, .164]
	Age	-.006	.022	-.009	-.270	[-.049, .037]
	Hispanic	.006	.063	.003	.089	[-.118, .129]
	African-American	.012	.052	.008	.233	[-.090, .114]
	Grades	-.191***	.025	-.256	-7.538	[-.241, -.141]
	Supervision	-.015	.021	-.024	-.716	[-.055, .026]
	Mom education	.117***	.024	.184	4.898	[.070, .165]
	Dad education	.057*	.024	.090	2.405	[.011, .104]
	Free lunch	-.068	.051	-.049	-1.341	[-.168, .032]
	Living arrang.	-.104*	.049	-.074	-2.143	[-.199, -.009]
	R <sup>2</sup>	.184				
	F	14.591				
<hr/>						
3 mo.	(Constant)	3.534	.307		11.503	[2.931, 4.137]
	RTR	.012	.046	.010	.254	[-.078, .101]
	RTR+	.074	.044	.067	1.675	[-.013, .160]
	Gender	.039	.037	.036	1.070	[-.033, .112]
	Age	.002	.019	.004	.124	[-.035, .039]
	Hispanic	-.027	.054	-.018	-.492	[-.133, .080]
	African-American	.028	.045	.024	.633	[-.060, .116]
	Grades	-.126***	.022	-.201	-5.789	[-.169, -.084]

	Supervision	-.001	.018	-.003	-.079	[-.036, .033]
	Mom education	.086***	.021	.161	4.168	[.046, .127]
	Dad education	.058**	.021	.108	2.809	[.017, .098]
	Free lunch	-.063	.044	-.054	-1.442	[-.150, .023]
	Living arrang.	-.037	.042	-.032	-.895	[-.120, .045]
	R <sup>2</sup>	1.40				
	F	10.515				
<hr/>						
6 mo.	(Constant)	3.794	.332		11.417	[3.141, 4.446]
	RTR	-.001	.049	.000	-.011	[-.098, .097]
	RTR+	.002	.048	.002	.048	[-.091, .096]
	Gender	.046	.040	.038	1.166	[-.032, .125]
	Age	-.033	.020	-.053	-1.643	[-.073, .007]
	Hispanic	.046	.059	.027	.776	[-.070, .161]
	African-American	-.011	.048	-.008	-.221	[-.106, .084]
	Grades	-.129***	.024	-.182	-5.441	[-.175, -.082]
	Supervision	.007	.019	.012	.357	[-.031, .045]
	Mom education	.142***	.022	.235	6.353	[.098, .186]
	Dad education	.081***	.022	.135	3.651	[.038, .125]
	Free lunch	-.118*	.048	-.089	-2.475	[-.211, -.024]
	Living arrang.	-.090*	.045	-.068	-1.996	[-.179, -.002]



	R <sup>2</sup>	.204			
	F	16.583			
12 mo. (Constant)	3.318	.297		11.169	[2.735, 3.901]
RTR	.069	.044	.060	1.556	[-.018, .156]
RTR+	.084*	.042	.077	1.986	[.001, .168]
Gender	.050	.036	.046	1.401	[-.020, .120]
Age	.011	.018	.019	.583	[-.025, .046]
Hispanic	.010	.053	.007	.185	[-.093, .113]
African-American	.102*	.043	.086	2.360	[.017, .187]
Grades	-.138***	.021	-.221	-6.527	[-.179, -.096]
Supervision	.000	.017	-.001	-.020	[-.034, .033]
Mom education	.115***	.020	.215	5.745	[.076, .154]
Dad education	.053**	.020	.099	2.648	[.014, .092]
Free lunch	-.066	.042	-.057	-1.560	[-.150, .017]
Living arrang.	-.070	.040	-.060	-1.734	[-.150, .009]
	R <sup>2</sup>	.185			
	F	14.693			

Note:  $N=807$ ;  $CI = Confidence Interval$ . \* $p < .05$  \*\* $p < .01$  \*\*\* $p < .001$ . All statistics reported from Block 1. Educational expectations were measured on a five point scale ranging from strongly disagree to strongly agree, scored from 0 to 4.

Table 3.0: *Item and scale statistics for specific risk perception for HIV/AIDS, STD and pregnancy*

Item	Mean	SE
I am likely to have HIV/AIDS by age 25.	0.40	0.03
I am likely to get (a girl) pregnant in next 6 months.	0.50	0.03
I am likely to have a STD by age 25.	0.46	0.03
I am likely to have HIV/AIDS in the next 6 months.	0.28	0.02
I am likely to have STD in the next 6 months.	0.29	0.02
Cronbach's $\alpha$	0.82	

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*Note.* Each item was measured on a five point scale ranging from strongly disagree to strongly agree, scored from 0 to 4.

*Expectations as Positive Predictors of Risky Behavior*

- Pregnancy Expectation → ↑ Number of Partners @ 3, 6, & 12 months.
- Pregnancy Expectation → ↑ Skipping school @ 6 & 12 months
- Pregnancy Expectation → ↑ Cigarette smoking/tobacco chewing @ 6 & 12 mos.
- Pregnancy Expectation → ↑ Vandalism @ 3 months.
- Pregnancy Expectation → ↑ Unprotected sex @ 3 mos.
- Pregnancy Expectation → ↑ Stealing @ 3 mos.
- STD (25) Expectation → ↑ Sex frequency @ 6 mos.
- STD (25) Expectation → ↑ Vandalism @ post-test
- Educational Expectation → ↓ Drug use @ 3 mos.
- HIV (25) Expectation → ↑ Cigarette smoking/tobacco use @ post-test
- HIV (6 mos.) Expectation → ↑ Drug use @ post-test
- HIV(6 mos.) Expectation → ↑ Smoking @ 3 mos.
- HIV(6 mos.) Expectation → ↑ Skipping @ 12 mos.
- HIV (6 mos.) Expectation → ↑ Vandalism @ post-test
- HIV(6 mos.) Expectation → ↑ Theft @ post-test

*Figure 2.*

***Behavioral Experiences at Pre-test as Significant Predictors of Later Expectations***

Frequency of sexual intercourse → ↑ Pregnancy expectation @ **post-test, six & 12** mos.

Number of sex partners → ↓ Educational expectations @ **3 & 6** mos.

Marijuana use → ↑ STD (by age 25) expectations @ **post-test, 3 & 6** mos., ↓ Educational expectations @ **3 & 6** mos., ↑ HIV/AIDS (by 25) expectations @ **3** mos., ↑ pregnancy expectations @ **6** mos., ↑ STD (within 6 months) expectations @ **3 & 6** mos., and ↑ HIV/AIDS (within 6 months) expectations @ **3** mos.

Drug use → ↑ STD (by age 25) expectations @ **↑3** mos. and ↑ HIV/AIDS (by age 25) expectations @ **3** mos., ↑ STD (within 6 months) expectations @ **3** mos.

Alcohol Use → ↓ Educational expectations @ **3 & 6** mos. and ↑ STD expectations (by age 25) @ **3** mos., ↑ STD (within 6 months) expectations @ **3 & 6** mos.,

Cigarette smoking/tobacco chewing → ↓ Educational expectations @ **6 & 12** mos., ↑ pregnancy expectations @ **6** mos., ↑ STD (within 6 months) expectations @ **6** mos.

Truancy → ↑ STD (within 6 months) expectations @ **6** mos.

Theft → ↑ STD (within 6 months) expectations @ **6** mos.

*Figure 3.*

*Positive Reciprocal Relationships*

**Pregnancy expectation**  $\longleftrightarrow$  **Alcohol use**

- Pregnancy expectations predicted alcohol use at **3 mos.**
- Alcohol use predicted pregnancy expectations at **3 mos.**

**Pregnancy expectation**  $\longleftrightarrow$  **Drug use**

- Pregnancy expectations predicted drug use at **post-test** and **6 mos.**
- Drug use predicted pregnancy expectations at **3 mos.**

**STD expectation by age 25**  $\longleftrightarrow$  **# Sex partners**

- Pre-test STD expectations positively predicted the number of sexual intercourse partners at **six and 12 months.**
- Number of partners at pre-test significantly predicted STD expectations at **post-test** and **3 months**

**STD expectations within 6 months**  $\longleftrightarrow$  **Vandalism**

- Pre-test STD expectations positively predicted vandalism at **post-test**
- Vandalism at pre-test positively predicted STD expectations at **3 months**

**HIV/AIDS expectations by age 25**  $\longleftrightarrow$  **Truancy**

- Pre-test HIV/AIDS expectations positively predicted truancy at **12 months**
- Truancy at pre-test positively predicted HIV/AIDS expectations at **6 months**

*Figure 4.*



Table 3.1 *Summary of Linear Regression Analyses: Pregnancy Expectation as a Predictor for Alcohol Use (N=807)*

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B						SE(β)			β			t			Sig. (p)			Lower Bound			Upper Bound		
	Block			Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-.963	-.190	-.210	.567	.390	.390				-1.697	-.487	-.539	.090	.626	.590	-2.076	-.955	-.975	.151	.575	.555			
RTR	.179	.089	.090	.084	.058	.058	.086	.043	.044	2.134	1.552	1.570	.033	.121	.117	.014	-.024	-.023	.343	.202	.203			
RTR+	.054	-.010	-.009	.081	.055	.055	.027	-.005	-.005	.669	-.173	-.162	.504	.863	.871	-.104	-.118	-.118	.212	.099	.100			
Gender	.170	.019	.025	.068	.047	.047	.086	.009	.013	2.516	.400	.534	.012	.689	.594	.037	-.073	-.067	.303	.110	.117			
Hispanic	-.076	-.101	-.105	.099	.068	.068	-.028	-.038	-.040	-.762	-1.475	-1.543	.446	.141	.123	-.271	-.234	-.239	.119	.033	.029			
African-American	.414***	-.158**	-.162**	.082	.057	.057	-.191	-.073	-.075	-5.070	-2.793	-2.849	.000	.005	.004	-.575	-.270	-.273	-.254	-.047	-.050			
Age	.074	.016	.016	.035	.024	.024	.073*	.016	.016	2.124	.669	.679	.034	.504	.497	.006	-.031	-.031	.142	.063	.063			
Parental Education	-.003	.008	.010	.038	.026	.026	-.003	.007	.009	-.087	.293	.377	.930	.769	.706	-.077	-.043	-.041	.071	.058	.060			
Grades	.198	.106	.103	.040	.028	.028	.173***	.093***	.090***	4.926	3.832	3.707	.000	.000	.000	.119	.052	.049	.277	.161	.158			
Supervision	.090	-.010	-.009	.033	.023	.023	.096**	-.010	-.010	2.753	-.423	-.413	.006	.672	.680	.026	-.054	-.054	.155	.035	.035			
Free lunch	-.045	.037	.027	.080	.055	.055	-.021	.018	.013	-.560	.684	.497	.576	.494	.619	-.201	-.070	-.081	.112	.145	.136			
Living status	.109	.035	.033	.077	.053	.053	.051	.016	.016	1.422	.671	.636	.155	.503	.525	-.041	-.068	-.070	.259	.139	.137			
Pre-test alcohol		.706	.702		.024	.024		.726***	.722***		29.931	29.663		.000	.000		.659	.656		.752	.749			
Pre-test pregnancy expectation			.043			.029			.035			1.462			.144			-.015			.100			

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			SE(β)			β			t			Sig. (p)			Lower Bound			Upper Bound					
	Block			Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-.963	-.190	-.210	.567	.390	.390				-1.697	-.487	-.539	.090	.626	.590	-2.076	-.955	-.975	.151	.575	.555			
RTR	.179	.089	.090	.084	.058	.058	.086	.043	.044	2.134	1.552	1.570	.033	.121	.117	.014	-.024	-.023	.343	.202	.203			
RTR+	.054	-.010	-.009	.081	.055	.055	.027	-.005	-.005	.669	-.173	-.162	.504	.863	.871	-.104	-.118	-.118	.212	.099	.100			
Gender	.170	.019	.025	.068	.047	.047	.086	.009	.013	2.516	.400	.534	.012	.689	.594	.037	-.073	-.067	.303	.110	.117			
Hispanic	-.076	-.101	-.105	.099	.068	.068	-.028	-.038	-.040	-.762	-1.475	-1.543	.446	.141	.123	-.271	-.234	-.239	.119	.033	.029			
African-American	.414***	-.158**	-.162**	.082	.057	.057	-.191	-.073	-.075	-5.070	-2.793	-2.849	.000	.005	.004	-.575	-.270	-.273	-.254	-.047	-.050			
Age	.074	.016	.016	.035	.024	.024	.073*	.016	.016	2.124	.669	.679	.034	.504	.497	.006	-.031	-.031	.142	.063	.063			
Parental Education	-.003	.008	.010	.038	.026	.026	-.003	.007	.009	-.087	.293	.377	.930	.769	.706	-.077	-.043	-.041	.071	.058	.060			
Grades	.198	.106	.103	.040	.028	.028	.173***	.093***	.090***	4.926	3.832	3.707	.000	.000	.000	.119	.052	.049	.277	.161	.158			
Supervision	.090	-.010	-.009	.033	.023	.023	.096**	-.010	-.010	2.753	-.423	-.413	.006	.672	.680	.026	-.054	-.054	.155	.035	.035			
Free lunch	-.045	.037	.027	.080	.055	.055	-.021	.018	.013	-.560	.684	.497	.576	.494	.619	-.201	-.070	-.081	.112	.145	.136			
Living status	.109	.035	.033	.077	.053	.053	.051	.016	.016	1.422	.671	.636	.155	.503	.525	-.041	-.068	-.070	.259	.139	.137			
Pre-test alcohol		.706	.702		.024	.024		.726***	.722***		29.931	29.663		.000	.000		.659	.656		.752	.749			
Pre-test pregnancy expectation			.043			.029			.035			1.462		.144				-.015			.100			

Note: Alcohol use was measured on a scale from 0 to 4, from never to almost every day. \* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ .



*Model Summary*

Post-test		Block		
		1	2	3
R		.301	.757	.758
R Square		.091	.573	.574
Adjusted R Square		.078	.566	.567
Std. Error of the Estimate		.931	.639	.638
Change Statistics	R Square Change	.091	.482	.001
	F Change	7.211	895.874	2.139
	df1	11	1	1
	df2	795	794	793
	Sig. F Change	.000	.000	.144

*ANOVA*

Post-test		Block		
		1	2	3
Regression	Sum of Squares	39.804	282.046	284.986
	df	11	13	14
	Mean Square	3.619	21.696	20.356
	F	4.924	50.311	47.553
	Sig.	.000	.000	.000
Residual	Sum of Squares	584.213	341.971	339.031
	df	795	793	792
	Mean Square	.735	.431	.428
Total	Sum of Squares	624.017	624.017	624.017
	df	806	806	806

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Block			Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.269	.911	.872	.522	.401	.400				.515	2.271	2.182	.607	.023	.029	-.756	.124	.088	1.294	1.698	1.657			
RTR	-.028	-.126	-.124	.077	.059	.059	-.015	-.067	-.066	-.365	-2.127	-2.097	.715	.034	.036	-.180	-.242	-.240	.123	-.010	-.008			
RTR+	-.107	-.151	-.150	.074	.057	.057	-.059	-.084	-.083	-1.442	-2.652	-2.644	.150	.008	.008	-.253	-.263	-.261	.039	-.039	-.039			
Gender	-.050	-.170	-.158	.062	.048	.048	-.028	-.095	-.088	-.809	-3.536	-3.290	.419	.000	.001	-.173	-.264	-.252	.072	-.075	-.064			
Hispanic	-.157	-.140	-.149	.091	.070	.070	-.065	-.058	-.062	-1.718	-2.002	-2.135	.086	.046	.033	-.337	-.278	-.287	.022	-.003	-.012			
African-American	-.200	.046	.040	.075	.059	.058	-.102	.023	.020	-2.658	.787	.676	.008	.432	.499	-.348	-.069	-.075	-.052	.161	.154			
Age	.029	-.019	-.019	.032	.025	.024	.032	-.021	-.021	.913	-.790	-.772	.361	.430	.440	-.033	-.068	-.067	.092	.029	.029			
Parental education	-.044	-.038	-.034	.035	.027	.026	-.046	-.041	-.036	-1.259	-1.439	-1.289	.208	.151	.198	-.111	-.090	-.086	.024	.014	.018			
Grades	.169	.063	.058	.037	.029	.029	.163	.061	.056	4.554	2.189	2.004	.000	.029	.045	.096	.007	.001	.241	.120	.114			
Superivsion	.099	.028	.028	.030	.023	.023	.115	.032	.033	3.267	1.183	1.204	.001	.237	.229	.039	-.018	-.018	.158	.074	.074			
Free lunch	-.075	-.027	-.045	.073	.056	.056	-.039	-.014	-.023	-1.019	-.476	-.798	.309	.635	.425	-.219	-.137	-.156	.069	.084	.066			
Living status	.037	-.030	-.033	.071	.054	.054	.019	-.016	-.017	.524	-.559	-.620	.600	.576	.535	-.101	-.136	-.139	.175	.076	.072			
Pre-test alcohol		.278	.275		.035	.035		.315	.312		7.861	7.808		.000	.000		.209	.206		.347	.344			
Post-test alcohol		.350	.345		.036	.036		.386	.381		9.603	9.489		.000	.000		.279	.274		.422	.417			
Pre-test pregnancy expectation			.078			.030			.071			2.621		.009			.020				.137			

Note: Alcohol use was measured on a scale from 0 to 4, from never to almost every day.

<i>Model Summary</i>				
Three Months		Block		
		1	2	3
R		.253	.672	.676
R Square		.064	.452	.457
Adjusted R Square		.051	.443	.447
Std. Error of the Estimate		.857	.657	.654
Change Statistics	R Square Change	.064	.388	.005
	F Change	4.924	280.868	6.870
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.009

<i>ANOVA</i>				
Three Months		Block		
		1	2	3
Regression	Sum of Squares	39.804	282.046	284.986
	df	11	13	14
	Mean Square	3.619	21.696	20.356
	F	4.924	50.311	47.553
	Sig.	.000 <sup>a</sup>	.000 <sup>b</sup>	.000 <sup>c</sup>
Residual	Sum of Squares	584.213	341.971	339.031
	df	795	793	792
	Mean Square	.735	.431	.428
Total	Sum of Squares	624.017	624.017	624.017

df	806	806	806
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Six Months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Block			Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-1.500	-1.322	-1.324	.494	.393	.394				-3.039	-3.363	-3.364	.002	.001	.001	-2.469	-2.094	-2.097	-.531	-.551	-.551			
RTR	.043	.008	.008	.073	.058	.058	.024	.004	.004	.592	.133	.134	.554	.894	.894	-.100	-.106	-.106	.186	.122	.122			
RTR+	.085	.105	.105	.070	.056	.056	.049	.061	.061	1.204	1.883	1.882	.229	.060	.060	-.053	-.004	-.005	.222	.215	.215			
Gender	.015	-.017	-.016	.059	.047	.047	.009	-.010	-.010	.253	-.357	-.345	.800	.721	.730	-.101	-.110	-.110	.130	.076	.077			
Hispanic	-.002	.067	.067	.086	.069	.069	-.001	.029	.029	-.019	.979	.969	.984	.328	.333	-.171	-.068	-.068	.168	.202	.202			
African-American	-.302	-.121	-.121	.071	.057	.057	-.161	-.065	-.065	-4.248	-2.114	-2.117	.000	.035	.035	-.442	-.234	-.234	-.163	-.009	-.009			
Age	.127	.096	.096	.030	.024	.024	.145	.110	.110	4.204	3.991	3.989	.000	.000	.000	.068	.049	.049	.186	.143	.143			
Parental education	.018	.035	.035	.033	.026	.026	.020	.039	.039	.550	1.355	1.359	.583	.176	.175	-.046	-.016	-.016	.082	.086	.086			
Grades	.148	.039	.038	.035	.028	.028	.149	.039	.039	4.230	1.365	1.353	.000	.173	.177	.079	-.017	-.017	.217	.094	.094			
Supervision	.074	.011	.011	.029	.023	.023	.091	.014	.014	2.608	.491	.492	.009	.624	.623	.018	-.034	-.034	.130	.056	.056			
Free lunch	-.029	.014	.013	.069	.055	.055	-.016	.008	.007	-.424	.258	.240	.672	.796	.810	-.165	-.094	-.096	.107	.122	.122			
Living status	.024	-.019	-.019	.067	.053	.053	.013	-.010	-.010	.361	-.352	-.355	.719	.725	.723	-.107	-.123	-.123	.155	.085	.085			
Pre-test alcohol		.068	.068		.036	.036		.080	.080		1.889	1.887		.059	.060		-.003	-.003		.138	.138			
Post-test alcohol		.206	.206		.038	.038		.238	.238		5.473	5.466		.000	.000		.132	.132		.280	.280			
Alcohol 3 mos.		.355	.354		.035	.035		.372	.371		10.219	10.156		.000	.000		.287	.286		.423	.423			
Pre-test pregnancy expectation			.004			.029			.004			.129		.897			-.054				.062			

Six Months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta									t			Sig.		
	Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-1.500	-1.322	-1.324	.494	.393	.394				-3.039	-3.363	-3.364	.002	.001	.001	-2.469	-2.094	-2.097	-.531	-.551	-.551
RTR	.043	.008	.008	.073	.058	.058	.024	.004	.004	.592	.133	.134	.554	.894	.894	-.100	-.106	-.106	.186	.122	.122
RTR+	.085	.105	.105	.070	.056	.056	.049	.061	.061	1.204	1.883	1.882	.229	.060	.060	-.053	-.004	-.005	.222	.215	.215
Gender	.015	-.017	-.016	.059	.047	.047	.009	-.010	-.010	.253	-.357	-.345	.800	.721	.730	-.101	-.110	-.110	.130	.076	.077
Hispanic	-.002	.067	.067	.086	.069	.069	-.001	.029	.029	-.019	.979	.969	.984	.328	.333	-.171	-.068	-.068	.168	.202	.202
African-American	-.302	-.121	-.121	.071	.057	.057	-.161	-.065	-.065	-4.248	-2.114	-2.117	.000	.035	.035	-.442	-.234	-.234	-.163	-.009	-.009
Age	.127	.096	.096	.030	.024	.024	.145	.110	.110	4.204	3.991	3.989	.000	.000	.000	.068	.049	.049	.186	.143	.143
Parental education	.018	.035	.035	.033	.026	.026	.020	.039	.039	.550	1.355	1.359	.583	.176	.175	-.046	-.016	-.016	.082	.086	.086
Grades	.148	.039	.038	.035	.028	.028	.149	.039	.039	4.230	1.365	1.353	.000	.173	.177	.079	-.017	-.017	.217	.094	.094
Supervision	.074	.011	.011	.029	.023	.023	.091	.014	.014	2.608	.491	.492	.009	.624	.623	.018	-.034	-.034	.130	.056	.056
Free lunch	-.029	.014	.013	.069	.055	.055	-.016	.008	.007	-.424	.258	.240	.672	.796	.810	-.165	-.094	-.096	.107	.122	.122
Living status	.024	-.019	-.019	.067	.053	.053	.013	-.010	-.010	.361	-.352	-.355	.719	.725	.723	-.107	-.123	-.123	.155	.085	.085
Pre-test alcohol		.068	.068		.036	.036		.080	.080		1.889	1.887		.059	.060		-.003	-.003		.138	.138
Post-test alcohol		.206	.206		.038	.038		.238	.238		5.473	5.466		.000	.000		.132	.132		.280	.280
Alcohol 3 mos.		.355	.354		.035	.035		.372	.371		10.219	10.156		.000	.000		.287	.286		.423	.423
Pre-test pregnancy expectation			.004			.029			.004			.129			.897			-.054			.062

Note: Alcohol use was measured on a scale from 0 to 4, from never to almost every day.

Model Summary			
Model			
1	2	3	
R	.627	.652	.672

*Model Summary*

Six months		Block		
		1	2	3
R		.287 <sup>a</sup>	.653 <sup>b</sup>	.653 <sup>c</sup>
R Square		.082	.426	.426
Adjusted R Square		.070	.416	.415
Std. Error of the Estimate		.810	.642	.642
Change Statistics	R Square Change	.082	.344	.000
	F Change	6.493	158.244	.017
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.897

*ANOVA*

Six months		Block		
		1	2	3
Regression	Sum of Squares	46.905	242.570	242.577
	df	11	14	15
	Mean Square	4.264	17.326	16.172
	F	6.493	42.038	39.188
	Sig.	.000 <sup>a</sup>	.000	.000
Residual	Sum of Squares	522.093	326.429	326.422
	df	795	792	791
	Mean Square	.657	.412	.413
Total	Sum of Squares	568.999	568.999	568.999

df	806	806	806
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Twelve months	Unstandardized Coefficients						Standardized Coefficients									95% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.308	1.004	.989	.521	.404	.404				.592	2.483	2.445	.554	.013	.015	-.714	.210	.195	1.331	1.797	1.782
RTR	.095	.057	.058	.077	.059	.059	.051	.031	.031	1.236	.968	.978	.217	.333	.328	-.056	-.059	-.058	.246	.174	.174
RTR+	.064	.043	.043	.074	.057	.057	.036	.024	.024	.867	.746	.744	.386	.456	.457	-.081	-.070	-.070	.210	.155	.155
Gender	.138	.111	.116	.062	.048	.048	.078	.063	.065	2.230	2.307	2.403	.026	.021	.016	.017	.017	.021	.260	.206	.211
Hispanic	-.061	-.021	-.026	.091	.070	.070	-.025	-.009	-.011	-.665	-.303	-.373	.506	.762	.709	-.240	-.159	-.164	.118	.117	.112
African-American	-.306	-.080	-.083	.075	.059	.059	-.157	-.041	-.042	-4.076	-1.357	-1.408	.000	.175	.160	-.453	-.195	-.198	-.159	.036	.033
Age	.022	-.046	-.046	.032	.025	.025	.024	-.051	-.051	.692	-1.870	-1.863	.489	.062	.063	-.040	-.095	-.095	.085	.002	.002
Parental education	-.020	-.016	-.014	.035	.027	.027	-.021	-.017	-.015	-.574	-.608	-.540	.566	.543	.590	-.088	-.068	-.066	.048	.036	.038
Grades	.154	.032	.029	.037	.029	.029	.149	.031	.029	4.168	1.102	1.019	.000	.271	.308	.081	-.025	-.027	.226	.088	.086
Supervision	.052	-.016	-.016	.030	.023	.023	.061	-.019	-.019	1.729	-.707	-.694	.084	.480	.488	-.007	-.062	-.062	.111	.029	.030
Free lunch	.008	.048	.039	.073	.056	.057	.004	.025	.020	.111	.851	.685	.912	.395	.493	-.136	-.062	-.072	.152	.158	.150
Living status	.020	-.016	-.017	.070	.054	.054	.010	-.008	-.009	.283	-.287	-.319	.777	.774	.750	-.118	-.122	-.123	.158	.091	.089
Pre-test alcohol		.068	.068		.037	.037		.078	.078		1.854	1.850		.064	.065		-.004	-.004		.140	.140
Post-test alcohol		.103	.102		.039	.039		.114	.113		2.616	2.594		.009	.010		.026	.025		.180	.179
Alcohol 3 mos.		.212	.208		.038	.038		.214	.210		5.631	5.504		.000	.000		.138	.134		.286	.282
Alcohol 6 mos.		.386	.386		.036	.036		.371	.371		10.648	10.646		.000	.000		.315	.315		.457	.457
Pre-test pregnancy expectation			.038			.030			.035			1.265		.206			-.021				.097

*Model Summary*

Twelve months		Model		
		1	2	3
R		.234	.669	.670
R Square		.055	.448	.449
Adjusted R Square		.042	.437	.438
Std. Error of the Estimate		.855	.655	.655
Change Statistics	R Square Change	.055	.393	.001
	F Change	4.194	140.664	1.601
	df1	11	4	1
	df2	795	791	790
	Sig. F Change	.000	.000	.206

*ANOVA*

Twelve months		Block		
		1	2	3
Sum of Squares	Regression	33.745	275.454	276.141
	Residual	581.512	339.802	339.115
	Total	615.257	615.257	615.257
df	Regression	11	15	16
	Residual	795	791	790
	Total	806	806	806
Mean Square	Regression	3.068	18.364	17.259
	Residual	.731	.430	.429
F	Regression	4.194	42.747	40.206



Sig.	Regression	.000	.000	.000
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Table 3.2 *Summary of Linear Regression Analyses: Alcohol Use as a Predictor for Pregnancy Expectation (N=807)*

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta									<i>t</i>			Sig. ( <i>p</i> )			Lower Bound		
	Block			Block			Block			Block			Block			Block			Block					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
(Constant)	.795	.655	.677	.482	.451	.453				1.648	1.451	1.496	.100	.147	.135	-.152	-.231	-.211	1.741	1.541	1.565			
RTR	-.017	-.012	-.015	.071	.067	.067	-.010	-.007	-.008	-.238	-.186	-.223	.812	.853	.824	-.157	-.143	-.146	.123	.118	.116			
RTR+	-.053	-.051	-.053	.069	.064	.064	-.032	-.030	-.031	-.779	-.795	-.822	.436	.427	.411	-.188	-.177	-.179	.081	.075	.073			
Gender	-.203	-.156	-.160	.057	.054	.054	-.122	-.094	-.096	-3.527	-2.887	-2.949	.000	.004	.003	-.315	-.262	-.267	-.090	-.050	-.054			
Hispanic	.111	.071	.070	.084	.079	.079	.049	.031	.031	1.309	.892	.886	.191	.373	.376	-.055	-.085	-.085	.276	.226	.226			
African-American	.197	.181	.188	.069	.065	.066	.108	.099	.103	2.838	2.784	2.859	.005	.006	.004	.061	.053	.059	.333	.309	.317			
Age	-.019	-.020	-.021	.029	.028	.028	-.023	-.023	-.025	-.651	-.712	-.767	.515	.477	.443	-.077	-.074	-.076	.039	.034	.033			
Parental education	-.063	-.044	-.044	.032	.030	.030	-.072	-.051	-.050	-1.973	-1.479	-1.472	.049	.140	.141	-.126	-.103	-.103	.000	.015	.015			
Grades	.105	.074	.072	.034	.032	.032	.108	.077	.074	3.061	2.300	2.215	.002	.022	.027	.038	.011	.008	.172	.137	.135			
Supervision	.035	.033	.030	.028	.026	.026	.044	.042	.038	1.264	1.273	1.154	.207	.203	.249	-.019	-.018	-.021	.090	.084	.082			
Free lunch	.177	.096	.099	.068	.064	.064	.099	.054	.055	2.617	1.503	1.544	.009	.133	.123	.044	-.029	-.027	.310	.221	.224			
Living status	.049	.030	.029	.065	.061	.061	.027	.017	.016	.751	.500	.468	.453	.617	.640	-.079	-.089	-.091	.177	.150	.148			
Pre-test pregnancy expectation		.358	.355		.034	.034		.349	.347		10.654	10.529		.000	.000		.292	.289		.424	.422			
Pre-test alcohol use			.020			.027			.024			.711		.478			-.034				.073			

Note: Pregnancy expectations were measured on a scale from 0 to 4, from strongly disagree to strongly agree.

*Model Summary*

Post-test		Block		
		1	2	3
R		.281 <sup>a</sup>	.440 <sup>b</sup>	.441 <sup>c</sup>
R Square		.079	.194	.195
Adjusted R Square		.066	.182	.181
Std. Error of the Estimate		.791	.741	.741
Change Statistics	R Square Change	.079	.115	.001
	F Change	6.183	113.516	.505
	df1	11	1	1
	df2	795	794	793
	Sig. F Change	.000	.000	.478

*ANOVA*

Post-test		Block		
		1	2	3
Regression	Sum of Squares	42.592	104.867	105.144
	df	11	12	13
	Mean Square	3.872	8.739	8.088
	F	6.183	15.930	14.734
	Sig.	.000 <sup>a</sup>	.000 <sup>b</sup>	.000 <sup>c</sup>
Residual	Sum of Squares	497.856	435.582	435.305
	df	795	794	793
	Mean Square	.626	.549	.549
Total	Sum of Squares	540.449	540.449	540.449

df	806	806	806
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Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			<i>t</i>			Sig. ( <i>p</i> )			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.330	1.155	1.220	.398	.384	.384				3.347	3.009	3.178	.001	.003	.002	.550	.402	.466	2.111	1.909	1.973
RTR	-.041	-.037	-.044	.059	.057	.057	-.028	-.025	-.030	-.705	-.658	-.786	.481	.511	.432	-.157	-.148	-.155	.074	.074	.067
RTR+	-.104	-.093	-.099	.057	.055	.054	-.074	-.066	-.070	-1.831	-1.713	-1.811	.067	.087	.071	-.215	-.201	-.205	.007	.014	.008
Gender	-.173	-.126	-.139	.047	.046	.046	-.125	-.091	-.100	-3.659	-2.735	-3.006	.000	.006	.003	-.266	-.217	-.230	-.080	-.036	-.048
Hispanic	.002	-.027	-.028	.070	.067	.067	.001	-.014	-.015	.031	-.401	-.419	.975	.688	.676	-.135	-.159	-.160	.139	.105	.104
African-American	.039	8.379E-5	.021	.057	.056	.056	.026	.000	.014	.684	.002	.372	.494	.999	.710	-.073	-.109	-.089	.152	.109	.131
Age	-.031	-.028	-.032	.024	.023	.023	-.044	-.039	-.045	-1.277	-1.182	-1.376	.202	.238	.169	-.079	-.074	-.078	.017	.018	.014
Parental education	-.136	-.120	-.120	.026	.025	.025	-.186	-.164	-.164	-5.159	-4.718	-4.715	.000	.000	.000	-.188	-.170	-.170	-.084	-.070	-.070
Grades	.076	.051	.044	.028	.027	.027	.095	.063	.055	2.713	1.845	1.604	.007	.065	.109	.021	-.003	-.010	.132	.104	.098
Supervision	.045	.038	.031	.023	.022	.022	.068	.058	.046	1.964	1.729	1.369	.050	.084	.171	.000	-.005	-.013	.090	.082	.074
Free lunch	.152	.101	.109	.056	.054	.054	.101	.067	.073	2.716	1.856	2.008	.007	.064	.045	.042	-.006	.002	.261	.207	.215
Living status	.043	.030	.025	.054	.052	.052	.029	.020	.016	.804	.580	.477	.422	.562	.633	-.062	-.072	-.077	.149	.132	.126
Pre-test preg.		.084	.078		.031	.031		.098	.091		2.759	2.559		.006	.011		.024	.018		.144	.138
Post-test preg.		.179	.177		.030	.030		.214	.212		5.944	5.900		.000	.000		.120	.118		.238	.236
Pre-test alcohol			.055			.023			.081			2.381			.017			.010			.101

*Model Summary*

Three Months		Block		
		1	2	3
R		.322	.411	.418
R Square		.103	.169	.175
Adjusted R Square		.091	.155	.160
Std. Error of the Estimate		.653	.629	.627
Change Statistics	R Square Change	.103	.065	.006
	F Change	8.340	31.170	5.672
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.017

*ANOVA*

Three Months		Model		
		1	2	3
Regression	Sum of Squares	39.080	63.764	65.997
	df	11	13	14
	Mean Square	3.553	4.905	4.714
	F	8.340	12.388	11.976
	Sig.	.000 <sup>a</sup>	.000 <sup>b</sup>	.000 <sup>c</sup>

Residual	Sum of Squares	338.677	313.993	311.760
	df	795	793	792
	Mean Square	.426	.396	.394
Total	Sum of Squares	377.757	377.757	377.757
	df	806	806	806

Six Months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			<i>t</i>			Sig. ( <i>p</i> )			Lower Bound			Upper Bound		
	Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.700	1.336	1.430	.394	.378	.377				4.315	3.534	3.790	.000	.000	.000	.927	.594	.689	2.474	2.078	2.170
RTR	-.128	-.118	-.128	.058	.055	.055	-.082	-.076	-.082	-2.201	-2.128	-2.309	.028	.034	.021	-.242	-.227	-.236	-.014	-.009	-.019
RTR+	-.091	-.066	-.073	.056	.054	.053	-.061	-.044	-.049	-1.631	-1.225	-1.371	.103	.221	.171	-.202	-.171	-.178	.019	.039	.032
Gender	-.385	-.318	-.336	.047	.045	.045	-.261	-.215	-.228	-8.194	-7.012	-7.389	.000	.000	.000	-.477	-.407	-.425	-.293	-.229	-.247
Hispanic	.238	.214	.213	.069	.066	.065	.119	.108	.107	3.442	3.254	3.247	.001	.001	.001	.102	.085	.084	.373	.344	.341
African-American	.299	.259	.285	.057	.054	.055	.185	.160	.176	5.262	4.762	5.217	.000	.000	.000	.187	.152	.178	.410	.366	.393
Age	-.049	-.041	-.047	.024	.023	.023	-.065	-.054	-.062	-2.039	-1.786	-2.056	.042	.074	.040	-.096	-.086	-.092	-.002	.004	-.002
Parental education	-.129	-.094	-.094	.026	.025	.025	-.166	-.121	-.122	-4.930	-3.710	-3.753	.000	.000	.000	-.180	-.144	-.144	-.077	-.044	-.045
Grades	.113	.080	.072	.028	.027	.027	.132	.093	.084	4.040	2.960	2.669	.000	.003	.008	.058	.027	.019	.168	.132	.124
Supervision	.044	.031	.021	.023	.022	.022	.062	.043	.030	1.927	1.406	.960	.054	.160	.337	-.001	-.012	-.022	.089	.073	.064
Free lunch	.099	.034	.046	.055	.053	.053	.062	.022	.029	1.780	.646	.863	.075	.518	.389	-.010	-.070	-.058	.207	.139	.150
Living status	.108	.090	.084	.053	.051	.051	.067	.056	.052	2.023	1.781	1.657	.043	.075	.098	.003	-.009	-.015	.212	.190	.183
Pre-test preg.		.048	.041		.030	.030		.053	.045		1.606	1.376		.109	.169		-.011	-.018		.107	.100
Preg.2		.159	.159		.030	.030		.180	.179		5.278	5.284		.000	.000		.100	.100		.218	.217
Preg.3		.164	.155		.035	.035		.155	.147		4.730	4.476		.000	.000		.096	.087		.233	.223

Pre-test alcohol	.071	.023	.098	3.125	.002	.026	.116
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*Model Summary*

Six months		Model		
		1	2	3
R		.465 <sup>a</sup>	.540 <sup>b</sup>	.548 <sup>c</sup>
R Square		.216	.292	.300
Adjusted R Square		.205	.279	.287
Std. Error of the Estimate		.647	.616	.613
Change Statistics	R Square Change	.216	.076	.009
	F Change	19.909	28.251	9.763
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.002

*ANOVA*

Six months		Block		
		1	2	3
Sum of Squares	Regression	91.668	123.836	127.501
	Residual	332.774	300.605	296.940
	Total	424.441	424.441	424.441
df	Regression	11	14	15
	Residual	795	792	791
	Total	806	806	806

Mean Square	Regression	8.333	8.845	8.500
	Residual	.419	.380	.375
F	Regression	19.909	23.305	22.643
Sig.	Regression	.000	.000	.000

Twelve months	Unstandardized Coefficients						Standardized Coefficients						Sig. ( <i>p</i> )			95.0% Confidence Interval for B								
	B			Std. Error			Beta									Lower Bound			Upper Bound					
	Block			Block			Block			Block			Block			Block								
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
(Constant)	.203	-.443	-.418	.434	.414	.415				.467	-1.072	-1.006	.641	.284	.315	-.649	-1.255	-1.234	1.055	.368	.398			
RTR	-.061	-.025	-.028	.064	.060	.061	-.039	-.016	-.018	-.957	-.421	-.462	.339	.674	.644	-.187	-.144	-.147	.065	.093	.091			
RTR+	-.042	-.004	-.006	.062	.058	.058	-.027	-.002	-.004	-.675	-.065	-.098	.500	.948	.922	-.163	-.118	-.120	.080	.110	.109			
Gender	-.321	-.183	-.188	.052	.051	.051	-.212	-.121	-.124	-6.209	-3.601	-3.657	.000	.000	.000	-.423	-.282	-.288	-.220	-.083	-.087			
Hispanic	.091	.015	.016	.076	.072	.072	.045	.008	.008	1.196	.213	.216	.232	.831	.829	-.058	-.126	-.126	.240	.157	.157			
African-American	-.085	-.180	-.173	.063	.060	.061	-.051	-.108	-.104	-1.357	-3.008	-2.849	.175	.003	.004	-.208	-.297	-.292	.038	-.063	-.054			
Age	.038	.055	.053	.027	.025	.025	.050	.070	.068	1.447	2.184	2.113	.148	.029	.035	-.014	.006	.004	.090	.104	.102			
Parental education	-.052	.003	.003	.029	.028	.028	-.066	.004	.003	-1.822	.113	.099	.069	.910	.921	-.109	-.051	-.052	.004	.057	.057			
Grades	.117	.064	.063	.031	.029	.029	.134	.073	.071	3.815	2.191	2.129	.000	.029	.034	.057	.007	.005	.178	.122	.120			
Supervision	.016	-.003	-.005	.025	.024	.024	.022	-.004	-.007	.632	-.129	-.217	.527	.897	.828	-.033	-.049	-.052	.065	.043	.042			
Free lunch	.120	.039	.042	.061	.058	.058	.073	.024	.026	1.962	.672	.717	.050	.502	.474	.000	-.075	-.072	.239	.152	.155			
Living status	.024	-.015	-.016	.059	.055	.055	.015	-.009	-.010	.414	-.267	-.290	.679	.790	.772	-.091	-.123	-.124	.139	.094	.092			
Pregnancy (pre-test)		.106	.104		.033	.033		.113	.112		3.236	3.182		.001	.002		.042	.040		.170	.168			
Preg. (post-test)		.102	.102		.033	.033		.112	.113		3.065	3.072		.002	.002		.037	.037		.168	.168			
Preg (3 mos.)		.112	.110		.038	.038		.103	.102		2.928	2.878		.004	.004		.037	.035		.187	.186			
Preg (6 mos.)		.220	.218		.039	.039		.215	.212		5.713	5.604		.000	.000		.145	.141		.296	.294			



Pre-test alcohol	.016	.025	.022	.655	.513	-.033	.066
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Note: Pregnancy expectations were measured on a scale from 0 to 4, from strongly disagree to strongly agree.

#### Model Summary

Twelve months		Block		
		1	2	3
R		.309	.456	.457
R Square		.096	.208	.208
Adjusted R Square		.083	.193	.192
Std. Error of the Estimate		.713	.669	.669
Change Statistics	R Square Change	.096	.113	.000
	F Change	7.633	28.092	.429
	df1	11	4	1
	df2	795	791	790
	Sig. F Change	.000	.000	.513

#### ANOVA

ANOVA									
Twelve months	Block								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	42.668	403.981	446.649	92.918	353.731	446.649	93.110	353.539	446.649
df	11	795	806	15	791	806	16	790	806
Mean Square	3.879	.508		6.195	.447		5.819	.448	

F	7.633	13.852	13.004
Sig.	.000	.000	.000

Table 3.3 *Summary of Linear Regression Analyses: Pregnancy Expectation as a Predictor for Drug Use (N=807)*

Post-test	Unstandardized Coefficients						Standardized Coefficients									95% Confidence Interval for B					
	B			Std. Error			Beta			<i>t</i>			Sig. ( <i>p</i> )			Lower Bound			Upper Bound		
	Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-.251	-.269	-.285	.319	.259	.258				-.785	-1.039	-1.103	.433	.299	.270	-.878	-.777	-.792	.376	.239	.222
RTR	-.039	-.031	-.030	.047	.038	.038	-.034	-.027	-.026	-.831	-.799	-.788	.406	.425	.431	-.132	-.106	-.105	.053	.045	.045
RTR+	-.093	-.073	-.073	.045	.037	.037	-.084	-.066	-.066	-2.039	-1.971	-1.973	.042	.049	.049	-.182	-.145	-.145	-.003	.000	.000
Gender	.003	-.032	-.027	.038	.031	.031	.003	-.030	-.024	.082	-1.050	-.862	.935	.294	.389	-.072	-.093	-.087	.078	.028	.034
Hispanic	.102	.053	.049	.056	.045	.045	.069	.036	.033	1.826	1.167	1.075	.068	.244	.283	-.008	-.036	-.040	.212	.142	.138
African-American	-.101	-.010	-.012	.046	.038	.038	-.085	-.008	-.010	-2.200	-.253	-.326	.028	.800	.745	-.192	-.083	-.086	-.011	.064	.061
Age	.016	.016	.016	.020	.016	.016	.029	.029	.029	.834	1.016	1.015	.405	.310	.310	-.022	-.015	-.015	.055	.047	.047
Parental education	-.016	.010	.012	.021	.017	.017	-.028	.018	.021	-.768	.589	.703	.443	.556	.482	-.058	-.024	-.022	.025	.044	.046
Grades	.105	.052	.049	.023	.019	.019	.165	.083	.078	4.613	2.826	2.656	.000	.005	.008	.060	.016	.013	.149	.089	.086
Supervision	.022	.008	.008	.018	.015	.015	.041	.015	.015	1.169	.536	.530	.243	.592	.596	-.015	-.021	-.021	.058	.037	.037
Free lunch	-.056	-.023	-.032	.045	.036	.037	-.047	-.019	-.028	-1.238	-.621	-.885	.216	.535	.376	-.144	-.094	-.104	.033	.049	.039
Living status	.025	-.007	-.009	.043	.035	.035	.022	-.006	-.008	.590	-.213	-.267	.556	.831	.790	-.059	-.076	-.078	.110	.061	.059
Pre-test drug use		.595	.590		.029	.029		.588	.583		20.429	20.222		.000	.000		.538	.533		.653	.647
Pre-test preg.			.042			.019			.062			2.164		.031			.004				.080

Note: Drug use is measured from 0 to 4, never to almost every day.

*Model Summary*

Post-test	Block		
	1	2	3
R	.236	.617	.620
R Square	.056	.381	.385
Adjusted R Square	.043	.372	.375
Std. Error of the Estimate	.525	.425	.424
Change Statistics			
R Square Change	.056	.325	.004
F Change	4.278	417.333	4.683
df1	11	1	1
df2	795	794	793
Sig. F Change	.000	.000	.031

*ANOVA*

Post-test	Block								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	12.947	218.750	231.698	88.312	143.386	231.698	89.154	142.544	231.698
df	11	795	806	12	794	806	13	793	806
Mean Square	1.177	.275		7.359	.181		6.858	.180	
F	4.278			40.752			38.152		
Sig.	.000			.000			.000		

Six months	Unstandardized Coefficients						Standardized Coefficients									95% Confidence Interval for B					
	B			Std. Error			Beta									<i>t</i>			Sig. ( <i>p</i> )		
	Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.010	-.108	-.133	.394	.353	.352				.025	-.307	-.378	.980	.759	.705	-.763	-.802	-.825	.783	.585	.558
RTR	-.087	-.090	-.089	.058	.052	.052	-.061	-.063	-.063	-1.487	-1.728	-1.718	.137	.084	.086	-.201	-.193	-.191	.028	.012	.013
RTR+	-.112	-.058	-.059	.056	.050	.050	-.082	-.042	-.043	-1.997	-1.147	-1.170	.046	.252	.242	-.222	-.157	-.157	-.002	.041	.040
Gender	.022	.011	.020	.047	.042	.042	.016	.008	.014	.465	.253	.464	.642	.800	.643	-.070	-.072	-.063	.114	.093	.102
Hispanic	-.202	-.213	-.220	.069	.062	.062	-.111	-.116	-.120	-2.934	-3.431	-3.553	.003	.001	.000	-.338	-.335	-.342	-.067	-.091	-.098
African-American	-.230	-.168	-.172	.057	.051	.051	-.155	-.113	-.116	-4.050	-3.279	-3.374	.000	.001	.001	-.341	-.268	-.272	-.118	-.067	-.072
Age	.033	.035	.035	.024	.022	.021	.047	.051	.051	1.354	1.645	1.647	.176	.100	.100	-.015	-.007	-.007	.080	.078	.078
Parental education	-.101	-.069	-.066	.026	.024	.023	-.142	-.096	-.092	-3.863	-2.915	-2.799	.000	.004	.005	-.152	-.115	-.112	-.050	-.022	-.020
Grades	.109	.039	.035	.028	.025	.025	.138	.050	.045	3.893	1.537	1.377	.000	.125	.169	.054	-.011	-.015	.163	.089	.085
Supervision	.022	.012	.012	.023	.020	.020	.034	.019	.019	.979	.611	.606	.328	.541	.544	-.022	-.028	-.028	.067	.052	.052
Free lunch	-.018	.020	.004	.055	.050	.050	-.012	.014	.003	-.327	.404	.079	.743	.686	.937	-.127	-.077	-.094	.090	.117	.102
Living status	.034	.031	.028	.053	.048	.048	.023	.021	.019	.647	.651	.582	.518	.515	.561	-.070	-.063	-.066	.139	.125	.121
Pre-test drug use		.140	.139		.051	.050		.112	.111		2.774	2.766		.006	.006		.041	.040		.239	.238
Post-test drug use		.101	.095		.053	.053		.081	.076		1.910	1.801		.056	.072		-.003	-.009		.205	.198
Drug use (3 mos.)		.419	.411		.052	.052		.322	.316		8.070	7.920		.000	.000		.317	.309		.521	.513
Pre-test preg.			.067			.026			.080			2.542		.011				.015			.119

Note: Drug use is measured from 0 to 4, never to almost every day.

*Model Summary*

Six months		Block		
		1	2	3
R		.268	.508	.514
R Square		.072	.259	.265
Adjusted R Square		.059	.245	.251
Std. Error of the Estimate		.646	.579	.577
Change Statistics	R Square Change	.072	.187	.006
	F Change	5.575	66.556	6.460
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.011

*ANOVA*

Six months	Block								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	25.619	332.138	357.757	92.493	265.264	357.757	94.642	263.115	357.757
df	11	795	806	14	792	806	15	791	806
Mean Square	2.329	.418		6.607	.335		6.309	.333	
F	5.575			19.726			18.968		
Sig.	.000			.000			.000		

Table 3.4 *Summary of Linear Regression Analyses: Drug Use as a Predictor for Pregnancy Expectations (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95% Confidence Interval for B					
	B			Std. Error			Beta			<i>t</i>			Sig. ( <i>p</i> )			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.330	1.155	1.155	.398	.384	.383				3.347	3.009	3.015	.001	.003	.003	.550	.402	.403	2.111	1.909	1.907
RTR	-.041	-.037	-.036	.059	.057	.057	-.028	-.025	-.025	-.705	-.658	-.638	.481	.511	.524	-.157	-.148	-.147	.074	.074	.075
RTR+	-.104	-.093	-.091	.057	.055	.054	-.074	-.066	-.064	-1.831	-1.713	-1.662	.067	.087	.097	-.215	-.201	-.198	.007	.014	.016
Gender	-.173	-.126	-.132	.047	.046	.046	-.125	-.091	-.095	-3.659	-2.735	-2.867	.000	.006	.004	-.266	-.217	-.223	-.080	-.036	-.042
Hispanic	.002	-.027	-.034	.070	.067	.067	.001	-.014	-.018	.031	-.401	-.501	.975	.688	.616	-.135	-.159	-.166	.139	.105	.098
African-American	.039	8.379E-5	.014	.057	.056	.056	.026	.000	.009	.684	.002	.253	.494	.999	.800	-.073	-.109	-.095	.152	.109	.124
Age	-.031	-.028	-.028	.024	.023	.023	-.044	-.039	-.039	-1.277	-1.182	-1.186	.202	.238	.236	-.079	-.074	-.074	.017	.018	.018
Parental education	-.136	-.120	-.117	.026	.025	.025	-.186	-.164	-.160	-5.159	-4.718	-4.575	.000	.000	.000	-.188	-.170	-.167	-.084	-.070	-.067
Grades	.076	.051	.043	.028	.027	.028	.095	.063	.054	2.713	1.845	1.571	.007	.065	.117	.021	-.003	-.011	.132	.104	.097
Supervision	.045	.038	.036	.023	.022	.022	.068	.058	.055	1.964	1.729	1.643	.050	.084	.101	.000	-.005	-.007	.090	.082	.080
Free lunch	.152	.101	.107	.056	.054	.054	.101	.067	.071	2.716	1.856	1.969	.007	.064	.049	.042	-.006	.000	.261	.207	.213
Living status	.043	.030	.025	.054	.052	.052	.029	.020	.017	.804	.580	.492	.422	.562	.623	-.062	-.072	-.076	.149	.132	.127
Preg. expectation1		.084	.080		.031	.031		.098	.093		2.759	2.609		.006	.009		.024	.020		.144	.140
Preg. expectation2		.179	.178		.030	.030		.214	.213		5.944	5.918		.000	.000		.120	.119		.238	.237
Pre-test drug use			.088			.043			.068			2.043		.041			.003				.173

Note: Pregnancy expectations were measured from 0 to 4, from strongly disagree to strongly agree.

*Model Summary*

Three months		Block		
		1	2	3
R		.322	.411	.416
R Square		.103	.169	.173
Adjusted R Square		.091	.155	.159
Std. Error of the Estimate		.653	.629	.628
Change Statistics	R Square Change	.103	.065	.004
	F Change	8.340	31.170	4.172
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.041

## ANOVA

Three months	Block								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	39.080	338.677	377.757	63.764	313.993	377.757	65.410	312.347	377.757
df	11	795	806	13	793	806	14	792	806
Mean Square	3.553	.426		4.905	.396		4.672	.394	
F	8.340			12.388			11.847		
Sig.	.000			.000			.000		

Table 3.5 *Summary of Linear Regression Analyses: Marijuana as a Predictor for Pregnancy Expectations (N=807)*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.700	1.336	1.391	.394	.378	.378				4.315	3.534	3.685	.000	.000	.000	.927	.594	.650	2.474	2.078	2.132
RTR	-.128	-.118	-.121	.058	.055	.055	-.082	-.076	-.078	-2.201	-2.128	-2.193	.028	.034	.029	-.242	-.227	-.230	-.014	-.009	-.013
RTR+	-.091	-.066	-.074	.056	.054	.053	-.061	-.044	-.050	-1.631	-1.225	-1.382	.103	.221	.167	-.202	-.171	-.179	.019	.039	.031
Gender	-.385	-.318	-.322	.047	.045	.045	-.261	-.215	-.218	-8.194	-7.012	-7.129	.000	.000	.000	-.477	-.407	-.411	-.293	-.229	-.234
Hispanic	.238	.214	.214	.069	.066	.066	.119	.108	.107	3.442	3.254	3.258	.001	.001	.001	.102	.085	.085	.373	.344	.343
African-American	.299	.259	.274	.057	.054	.055	.185	.160	.169	5.262	4.762	5.027	.000	.000	.000	.187	.152	.167	.410	.366	.381
Age	-.049	-.041	-.044	.024	.023	.023	-.065	-.054	-.058	-2.039	-1.786	-1.911	.042	.074	.056	-.096	-.086	-.089	-.002	.004	.001
parental Education	-.129	-.094	-.092	.026	.025	.025	-.166	-.121	-.119	-4.930	-3.710	-3.646	.000	.000	.000	-.180	-.144	-.141	-.077	-.044	-.042
Grades	.113	.080	.069	.028	.027	.027	.132	.093	.081	4.040	2.960	2.551	.000	.003	.011	.058	.027	.016	.168	.132	.122
Supervision	.044	.031	.026	.023	.022	.022	.062	.043	.037	1.927	1.406	1.191	.054	.160	.234	-.001	-.012	-.017	.089	.073	.069
Free lunch	.099	.034	.038	.055	.053	.053	.062	.022	.024	1.780	.646	.722	.075	.518	.470	-.010	-.070	-.066	.207	.139	.143
Living status	.108	.090	.078	.053	.051	.051	.067	.056	.049	2.023	1.781	1.531	.043	.075	.126	.003	-.009	-.022	.212	.190	.178
Pre-test preg.		.048	.042		.030	.030		.053	.046		1.606	1.388		.109	.165		-.011	-.017		.107	.101
Post-test preg.		.159	.157		.030	.030		.180	.177		5.278	5.202		.000	.000		.100	.097		.218	.216
3 mos. preg.		.164	.161		.035	.035		.155	.152		4.730	4.648		.000	.000		.096	.093		.233	.229
Pre-test marijuana			.055			.022			.077			2.452			.014			.011			.099

Note: Pregnancy expectations were scored from 0 to 4, from strongly disagree to strongly agree.



*Model Summary*

Six months		Block		
		1	2	3
R		.465	.540	.545
R Square		.216	.292	.297
Adjusted R Square		.205	.279	.284
Std. Error of the Estimate		.647	.616	.614
Change Statistics	R Square Change	.216	.076	.005
	F Change	19.909	28.251	6.015
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.014

*ANOVA*

Six months		Block								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		91.668	332.774	424.441	123.836	300.605	424.441	126.104	298.337	424.441
df		11	795	806	14	792	806	15	791	806
Mean Square		8.333	.419		8.845	.380		8.407	.377	
F		19.909			23.305			22.290		
Sig.		.000			.000			.000		

Table 3.6 Summary of Linear Regression Analyses: Cigarette Smoking/Tobacco Use as a Predictor for Pregnancy Expectations

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Block			Block			Block			Block			Block			Block			Block			Block		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.700	1.336	1.382	.394	.378	.378				4.315	3.534	3.658	.000	.000	.000	.927	.594	.641	2.474	2.078	2.124			
RTR	-.128	-.118	-.120	.058	.055	.055	-.082	-.076	-.077	-2.201	-2.128	-2.174	.028	.034	.030	-.242	-.227	-.229	-.014	-.009	-.012			
RTR+	-.091	-.066	-.065	.056	.054	.053	-.061	-.044	-.044	-1.631	-1.225	-1.216	.103	.221	.224	-.202	-.171	-.170	.019	.039	.040			
Gender	-.385	-.318	-.324	.047	.045	.045	-.261	-.215	-.220	-8.194	-7.012	-7.145	.000	.000	.000	-.477	-.407	-.413	-.293	-.229	-.235			
Hispanic	.238	.214	.231	.069	.066	.066	.119	.108	.116	3.442	3.254	3.487	.001	.001	.001	.102	.085	.101	.373	.344	.361			
African-American	.299	.259	.281	.057	.054	.055	.185	.160	.173	5.262	4.762	5.076	.000	.000	.000	.187	.152	.172	.410	.366	.389			
Age	-.049	-.041	-.044	.024	.023	.023	-.065	-.054	-.058	-2.039	-1.786	-1.907	.042	.074	.057	-.096	-.086	-.089	-.002	.004	.001			
Parental education	-.129	-.094	-.091	.026	.025	.025	-.166	-.121	-.117	-4.930	-3.710	-3.580	.000	.000	.000	-.180	-.144	-.140	-.077	-.044	-.041			
Grades	.113	.080	.071	.028	.027	.027	.132	.093	.083	4.040	2.960	2.606	.000	.003	.009	.058	.027	.017	.168	.132	.124			
Supervision	.044	.031	.025	.023	.022	.022	.062	.043	.036	1.927	1.406	1.158	.054	.160	.247	-.001	-.012	-.018	.089	.073	.068			
Free lunch	.099	.034	.037	.055	.053	.053	.062	.022	.023	1.780	.646	.691	.075	.518	.490	-.010	-.070	-.068	.207	.139	.141			
Living status	.108	.090	.078	.053	.051	.051	.067	.056	.049	2.023	1.781	1.533	.043	.075	.126	.003	-.009	-.022	.212	.190	.178			
Pregnancy1		.048	.043		.030	.030		.053	.047		1.606	1.428		.109	.154		-.011	-.016		.107	.102			
Pregnancy2		.159	.158		.030	.030		.180	.178		5.278	5.244		.000	.000		.100	.099		.218	.217			
Pregnancy3		.164	.163		.035	.035		.155	.154		4.730	4.697		.000	.000		.096	.095		.233	.231			
Pre-test smoking			.044			.022			.065			2.031			.043			.001			.087			

Note: Pregnancy expectations were scored 0 to 4, from strongly disagree to strongly agree.

*Model Summary*

Six months		Block		
		1	2	3
R		.465	.540	.544
R Square		.216	.292	.295
Adjusted R Square		.205	.279	.282
Std. Error of the Estimate		.647	.616	.615
Change Statistics	R Square Change	.216	.076	.004
	F Change	19.909	28.251	4.124
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.043

*ANOVA*

Six months				Block					
				1			2		
				3					
				Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	91.668	332.774	424.441	125.395	299.046	424.441	125.395	299.046	424.441
df	11	795	806	15	791	806	15	791	806
Mean Square	8.333	.419		8.360	.378		8.360	.378	
F	19.909			22.112			22.112		
Sig.	.000			.000			.000		

Table 3.7 Summary of Linear Regression Analyses: Pregnancy Expectations as Predictors for Truancy (N=807)

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.104	.215	.182	.434	.381	.380				.239	.565	.480	.811	.572	.631	-.748	-.532	-.564	.955	.963	.929			
RTR	-.046	-.050	-.049	.064	.056	.056	-.028	-.031	-.030	-.712	-.896	-.881	.477	.371	.378	-.171	-.160	-.159	.080	.060	.060			
RTR+	-.039	-.035	-.034	.062	.054	.054	-.025	-.023	-.022	-.631	-.650	-.640	.528	.516	.522	-.160	-.141	-.140	.082	.071	.071			
Gender	-.100	-.109	-.100	.052	.045	.045	-.065	-.071	-.065	-1.930	-2.410	-2.215	.054	.016	.027	-.201	-.198	-.189	.002	-.020	-.011			
Hispanic	.133	.060	.053	.076	.067	.066	.064	.029	.026	1.756	.904	.798	.079	.366	.425	-.016	-.071	-.077	.283	.191	.184			
African-American	-.231	-.149	-.152	.063	.055	.055	-.137	-.088	-.090	-3.690	-2.708	-2.781	.000	.007	.006	-.353	-.256	-.260	-.108	-.041	-.045			
Age	.025	.016	.017	.027	.023	.023	.032	.021	.021	.935	.700	.715	.350	.484	.475	-.027	-.029	-.029	.077	.062	.062			
Parental education	-.088	-.062	-.059	.029	.025	.025	-.109	-.077	-.073	-3.071	-2.447	-2.330	.002	.015	.020	-.145	-.111	-.108	-.032	-.012	-.009			
Grades	.193	.059	.055	.031	.029	.029	.217	.067	.062	6.283	2.068	1.935	.000	.039	.053	.133	.003	-.001	.254	.116	.112			
Supervision	.052	.023	.023	.025	.022	.022	.071	.031	.031	2.089	1.023	1.033	.037	.306	.302	.003	-.021	-.020	.102	.066	.066			
Free lunch	-.059	-.094	-.108	.061	.053	.053	-.036	-.057	-.066	-.968	-1.760	-2.025	.333	.079	.043	-.179	-.198	-.213	.061	.011	-.003			
Living status	.160	.089	.086	.059	.051	.051	.096	.053	.052	2.732	1.722	1.676	.006	.085	.094	.045	-.012	-.015	.275	.189	.187			
Skipping1		.049	.043		.034	.034		.061	.053		1.436	1.245		.151	.214		-.018	-.025		.117	.110			
Skipping2		.248	.251		.041	.041		.260	.264		6.017	6.119		.000	.000		.167	.171		.328	.332			
Skipping3		.285	.282		.035	.035		.274	.271		8.158	8.103		.000	.000		.216	.214		.353	.351			
Pre-test preg.			.066			.028			.070			2.342			.019			.011			.122			

Note: Truancy is measured on a five-point scale, scored from 0 to 4, never to almost every day.

*Model Summary*

Six months		Block		
		1	2	3
R		.351	.577	.581
R Square		.123	.333	.338
Adjusted R Square		.111	.321	.325
Std. Error of the Estimate		.712	.622	.620
Change Statistics	R Square Change	.123	.210	.005
	F Change	10.129	83.215	5.486
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.019

*ANOVA*

Six months	Regression			Residual			Total		
	Block			Block			Block		
	1	2	3	1	2	3	1	2	3
Sum of Squares	56.504	153.127	155.239	403.161	306.538	304.427	459.665	459.665	459.665
df	11	14	15	795	792	791	806	806	806
Mean Square	5.137	10.938	10.349	.507	.387	.385			
F	10.129	28.260	26.891						
Sig.	.000	.000	.000						

Twelve months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-.763	-.767	-.816	.453	.406	.404				-1.686	-1.890	-2.022	.092	.059	.044	-1.652	-1.564	-1.608	.125	.030	-.024
RTR	.092	.101	.102	.067	.060	.059	.055	.060	.061	1.370	1.686	1.712	.171	.092	.087	-.040	-.017	-.015	.223	.218	.218
RTR+	.045	.058	.058	.064	.058	.057	.028	.036	.037	.698	1.006	1.023	.486	.315	.307	-.082	-.055	-.054	.171	.171	.171
Gender	.043	.061	.074	.054	.048	.048	.027	.039	.047	.798	1.271	1.532	.425	.204	.126	-.063	-.034	-.021	.149	.157	.169
Hispanic	.234	.154	.144	.079	.071	.071	.110	.072	.067	2.953	2.170	2.035	.003	.030	.042	.079	.015	.005	.390	.294	.282
African-American	-.066	.042	.034	.065	.059	.058	-.038	.024	.020	-1.010	.708	.588	.313	.479	.556	-.194	-.074	-.080	.062	.157	.149
Age	.070	.061	.061	.028	.025	.025	.086	.075	.076	2.526	2.450	2.491	.012	.015	.013	.016	.012	.013	.124	.109	.110
Parental Education	-.072	-.035	-.031	.030	.027	.027	-.087	-.042	-.037	-2.412	-1.298	-1.154	.016	.195	.249	-.131	-.088	-.084	-.013	.018	.022
Grades	.172	.048	.043	.032	.031	.030	.188	.052	.046	5.372	1.563	1.395	.000	.118	.163	.109	-.012	-.017	.235	.108	.102
Supervision	.055	.026	.026	.026	.024	.023	.072	.034	.035	2.092	1.095	1.121	.037	.274	.262	.003	-.020	-.020	.106	.072	.072
Free lunch	-.029	-.036	-.060	.064	.057	.057	-.017	-.021	-.035	-.454	-.636	-1.050	.650	.525	.294	-.154	-.148	-.172	.096	.075	.052
Living status	.164	.082	.079	.061	.055	.055	.095	.048	.046	2.677	1.495	1.448	.008	.135	.148	.044	-.026	-.028	.284	.190	.186
Pre-test skipping		-.014	-.024		.037	.037		-.017	-.028		-.385	-.650		.700	.516		-.086	-.096		.058	.048
skipping2		.189	.197		.045	.045		.192	.200		4.203	4.411		.000	.000		.100	.109		.277	.285
skipping3		.197	.196		.039	.038		.183	.182		5.075	5.084		.000	.000		.121	.120		.273	.271
skipping4		.233	.222		.038	.038		.226	.215		6.143	5.880		.000	.000		.158	.148		.307	.296
Pre-test pregnancy			.102			.030			.105			3.403		.001				.043			.162

Note: Truancy is measured on a five-point scale, scored from 0 to 4, never to almost every day.

**Model Summary**

Twelve months		Model		
		1	2	3
R		.319 <sup>a</sup>	.537 <sup>b</sup>	.547 <sup>c</sup>
R Square		.101	.289	.299
Adjusted R Square		.089	.275	.285
Std. Error of the Estimate		.743	.663	.659
Change Statistics	R Square Change	.101	.187	.010
	F Change	8.163	52.021	11.581
	df1	11	4	1
	df2	795	791	790
	Sig. F Change	.000	.000	.001

**ANOVA**

Twelve months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	49.613	439.259	488.872	141.101	347.772	488.872	146.125	342.747	488.872
df	11	795	806	15	791	806	16	790	806
Mean Square	4.510	.553		9.407	.440		9.133	.434	
F	8.163			21.395			21.050		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 3.8 *Summary of Linear Regression Analyses: Pregnancy Expectations as Predictors for Vandalism (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.415	.152	.126	.346	.313	.312				1.201	.486	.402	.230	.627	.688	-.263	-.463	-.487	1.094	.767	.739			
RTR	-.072	-.083	-.083	.051	.046	.046	-.057	-.066	-.065	-1.406	-1.808	-1.797	.160	.071	.073	-.172	-.174	-.173	.028	.007	.008			
RTR+	-.052	-.054	-.053	.049	.044	.044	-.043	-.045	-.044	-1.065	-1.224	-1.208	.287	.221	.227	-.149	-.142	-.140	.044	.033	.033			
Gender	-.228	-.169	-.162	.041	.037	.037	-.189	-.140	-.134	-5.535	-4.517	-4.330	.000	.000	.000	-.309	-.243	-.235	-.147	-.096	-.089			
Hispanic	.166	.129	.122	.061	.055	.055	.102	.079	.075	2.747	2.350	2.229	.006	.019	.026	.047	.021	.015	.285	.236	.229			
African-American	-.066	-.043	-.046	.050	.045	.045	-.050	-.032	-.035	-1.327	-.950	-1.025	.185	.343	.306	-.164	-.131	-.134	.032	.046	.042			
Age	-.006	.010	.010	.021	.019	.019	-.009	.016	.016	-.272	.507	.510	.786	.613	.610	-.047	-.028	-.028	.036	.047	.047			
Parental Education	-.042	-.041	-.037	.023	.021	.021	-.066	-.065	-.059	-1.817	-1.978	-1.808	.070	.048	.071	-.087	-.082	-.078	.003	.000	.003			
Grades	.104	.042	.038	.025	.023	.023	.148	.060	.054	4.226	1.869	1.683	.000	.062	.093	.055	-.002	-.006	.152	.087	.082			
Supervision	.023	.025	.025	.020	.018	.018	.040	.044	.043	1.144	1.403	1.387	.253	.161	.166	-.016	-.010	-.010	.062	.061	.060			
Free lunch	.038	.027	.013	.049	.044	.044	.029	.021	.010	.773	.613	.296	.440	.540	.767	-.058	-.059	-.073	.133	.113	.099			
Living status	-.015	-.025	-.028	.047	.042	.042	-.011	-.019	-.022	-.322	-.602	-.674	.747	.548	.500	-.107	-.108	-.111	.077	.057	.054			
Vandalism1		.082	.073		.038	.038		.081	.072		2.161	1.908		.031	.057		.008	-.002		.157	.148			
Vandalism2		.359	.361		.036	.036		.376	.377		9.908	9.990		.000	.000		.288	.290		.430	.432			
Pre-test pregnancy			.062			.023			.083			2.661			.008			.016			.108			

Note: Vandalism is measured on a five-point scale, scored from 0 to 4, never to almost every day.



**Model Summary**

Three months		Model		
		1	2	3
R		.314 <sup>a</sup>	.518 <sup>b</sup>	.524 <sup>c</sup>
R Square		.099	.268	.275
Adjusted R Square		.086	.256	.262
Std. Error of the Estimate		.567	.512	.510
Change Statistics	R Square Change	.099	.169	.006
	F Change	7.932	91.721	7.084
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.008

**ANOVA**

ANOVA									
Three months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	28.092	255.963	284.055	76.179	207.876	284.055	78.021	206.033	284.055
Df	11	795	806	13	793	806	14	792	806
Mean Square	2.554	.322		5.860	.262		5.573	.260	
F	7.932			22.354			21.423		
Sig.	.000			.000			.000		

Table 3.9 *Summary of Linear Regression Analyses: Pregnancy Expectations as a Predictor for Theft (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	2.539	2.133	2.115	.390	.350	.349				6.502	6.089	6.051	.000	.000	.000	1.772	1.446	1.429	3.305	2.821	2.801			
RTR	-.128	-.134	-.133	.058	.052	.051	-.091	-.095	-.094	-2.222	-2.596	-2.585	.027	.010	.010	-.241	-.235	-.234	-.015	-.033	-.032			
RTR+	-.121	-.129	-.129	.056	.050	.050	-.089	-.095	-.095	-2.174	-2.599	-2.597	.030	.010	.010	-.230	-.227	-.226	-.012	-.032	-.031			
Gender	-.007	.026	.033	.047	.042	.042	-.005	.019	.025	-.149	.613	.791	.882	.540	.429	-.098	-.056	-.049	.084	.107	.115			
Hispanic	-.061	-.062	-.068	.068	.061	.061	-.034	-.034	-.038	-.891	-1.008	-1.118	.373	.314	.264	-.195	-.182	-.188	.073	.058	.052			
African-American	.042	.066	.063	.056	.050	.050	.029	.044	.042	.750	1.302	1.248	.454	.193	.212	-.068	-.033	-.036	.153	.164	.161			
Age	-.122	-.101	-.101	.024	.021	.021	-.178	-.146	-.147	-5.133	-4.701	-4.731	.000	.000	.000	-.169	-.143	-.143	-.076	-.059	-.059			
Parental Education	-.070	-.073	-.070	.026	.023	.023	-.099	-.103	-.099	-2.704	-3.143	-3.010	.007	.002	.003	-.121	-.118	-.115	-.019	-.027	-.024			
Grades	.090	.017	.013	.028	.025	.025	.116	.022	.017	3.258	.682	.519	.001	.496	.604	.036	-.032	-.037	.145	.067	.063			
Supervision	.050	.039	.038	.023	.020	.020	.077	.060	.060	2.197	1.911	1.904	.028	.056	.057	.005	-.001	-.001	.094	.078	.078			
Free lunch	-.033	-.072	-.085	.055	.049	.049	-.023	-.050	-.059	-.601	-1.464	-1.728	.548	.144	.084	-.141	-.169	-.182	.075	.025	.012			
Living status	.061	.021	.018	.053	.047	.047	.042	.014	.013	1.156	.443	.389	.248	.658	.697	-.043	-.072	-.074	.165	.114	.111			
Theft1		.179	.174		.035	.035		.210	.204		5.117	4.971		.000	.000		.110	.105		.248	.243			
Theft2		.248	.249		.036	.036		.282	.283		6.929	6.963		.000	.000		.178	.179		.319	.319			
Pre-test pregnancy			.059			.026			.072			2.283		.023			.008				.110			

Note: Theft is measured on a five-point scale, scored from 0 to 4, never to almost every day.

**Model Summary**

Three months		Model		
		1	2	3
R		.270 <sup>a</sup>	.511 <sup>b</sup>	.515 <sup>c</sup>
R Square		.073	.261	.266
Adjusted R Square		.060	.249	.253
Std. Error of the Estimate		.641	.573	.572
Change Statistics	R Square Change	.073	.188	.005
	F Change	5.680	100.773	5.211
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.023

**ANOVA**

Three months	Regression			Residual			Total		
	Model			Model			Model		
	1	2	3	1	2	3	1	2	3
Sum of Squares	25.679	91.894	93.597	326.745	260.530	258.827	352.424	352.424	352.424
df	11	13	14	795	793	792	806	806	806
Mean Square	2.334	7.069	6.685	.411	.329	.327			
F	5.680	21.516	20.457						
Sig.	.000 <sup>a</sup>	.000 <sup>b</sup>	.000 <sup>c</sup>						

Table 4.0 *Summary of Linear Regressions: Pregnancy Expectations as a Predictor for Sexual Intercourse Partners*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-1.124	-.396	-.372	.724	.602	.590				-1.553	-.658	-.630	.121	.511	.529	-2.547	-1.579	-1.531	.299	.787	.788
RTR	.092	.103	.106	.109	.090	.088	.047	.053	.055	.844	1.144	1.200	.399	.253	.231	-.123	-.074	-.068	.307	.280	.280
RTR+	-.101	-.035	-.034	.098	.081	.079	-.058	-.021	-.019	-1.032	-.438	-.423	.303	.662	.672	-.293	-.194	-.189	.091	.123	.122
Gender	.104	.026	.037	.086	.071	.070	.060	.015	.022	1.212	.360	.537	.226	.719	.591	-.065	-.114	-.100	.273	.165	.175
Hispanic	-.150	-.075	-.100	.114	.095	.093	-.072	-.036	-.048	-1.308	-.791	-1.076	.192	.429	.283	-.374	-.261	-.283	.075	.111	.083
African-American	-.032	.001	.014	.115	.095	.093	-.014	.000	.006	-.274	.010	.149	.785	.992	.881	-.258	-.186	-.170	.195	.188	.198
Age	.070	.027	.022	.044	.037	.036	.079	.030	.025	1.590	.736	.611	.113	.462	.542	-.017	-.045	-.049	.158	.099	.093
Parental Education	-.009	.005	.013	.048	.039	.039	-.010	.006	.014	-.194	.131	.327	.846	.896	.744	-.103	-.072	-.064	.085	.083	.089
Grades	.110	.042	.026	.052	.044	.043	.107	.041	.025	2.107	.973	.607	.036	.331	.544	.007	-.043	-.058	.213	.128	.110
Supervision	.031	-.007	-.008	.040	.033	.033	.038	-.008	-.010	.777	-.196	-.239	.438	.845	.811	-.048	-.072	-.072	.111	.059	.057
Free lunch	.152	-.037	-.098	.105	.088	.087	.079	-.019	-.051	1.449	-.425	-1.125	.148	.671	.261	-.054	-.210	-.270	.359	.136	.074
Living status	.182	.083	.083	.100	.083	.081	.092	.042	.042	1.827	1.001	1.021	.068	.318	.308	-.014	-.080	-.077	.378	.246	.242
Partners1		.052	.049		.065	.064		.053	.050		.809	.778		.419	.437		-.075	-.076		.180	.174
Partners2		.567	.560		.069	.068		.535	.529		8.209	8.280		.000	.000		.431	.427		.702	.694
Pre-test pregnancy			.178			.043			.170			4.160			.000			.094			.262

Note:  $N=419$

**Model Summary**

Three months		Model		
		1	2	3
R		.232 <sup>a</sup>	.599 <sup>b</sup>	.621 <sup>c</sup>
R Square		.054	.359	.385
Adjusted R Square		.028	.338	.364
Std. Error of the Estimate		.840	.693	.680
Change Statistics	R Square Change	.054	.305	.026
	F Change	2.105	96.279	17.303
	df1	11	2	1
	df2	407	405	404
	Sig. F Change	.019	.000	.000

**ANOVA**

Three months		Model								
		dimension0								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		16.342	287.210	303.551	108.892	194.659	303.551	116.887	186.664	303.551
df		11	407	418	13	405	418	14	404	418
Mean Square		1.486	.706		8.376	.481		8.349	.462	
F		2.105			17.428			18.070		
Sig.		.019 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 4.0 *Summary of Linear Regressions: Pregnancy Expectations as a Predictor for Sexual Intercourse Partners (continued)*

Twelve months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
							Beta			t			Sig.			Lower Bound			Upper Bound					
	B			Std. Error																				
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-1.665	-1.452	-1.322	.850	.732	.724				-1.958	-1.985	-1.826	.052	.049	.069	-3.342	-2.895	-2.750	.011	-.010	.106			
RTR	.072	.043	.081	.137	.118	.118	.040	.024	.045	.527	.364	.691	.599	.716	.491	-.198	-.190	-.151	.342	.276	.313			
RTR+	.051	.103	.090	.114	.098	.097	.035	.071	.062	.447	1.046	.933	.655	.297	.352	-.173	-.091	-.101	.275	.296	.282			
Gender	.189	.119	.128	.105	.092	.091	.127	.080	.086	1.799	1.295	1.410	.074	.197	.160	-.018	-.062	-.051	.396	.301	.308			
Hispanic	-.086	.020	-.009	.128	.111	.110	-.054	.012	-.006	-.677	.179	-.084	.499	.858	.933	-.338	-.198	-.226	.165	.238	.207			
African-American	-.267	-.084	-.094	.179	.156	.154	-.111	-.035	-.039	-1.495	-.538	-.612	.137	.591	.541	-.619	-.391	-.397	.085	.223	.209			
Age	.124	.099	.088	.052	.044	.044	.168	.135	.120	2.409	2.235	2.001	.017	.027	.047	.023	.012	.001	.226	.187	.175			
Parental Education	-.065	-.009	-.004	.057	.049	.049	-.091	-.013	-.005	-1.147	-.188	-.075	.253	.851	.941	-.178	-.107	-.100	.047	.088	.093			
Grades	.078	-.002	-.017	.059	.051	.051	.092	-.002	-.020	1.328	-.033	-.325	.186	.974	.745	-.038	-.103	-.118	.194	.100	.084			
Supervision	.029	.026	.031	.047	.040	.040	.043	.039	.046	.633	.651	.788	.527	.516	.432	-.062	-.053	-.047	.121	.106	.110			
Free lunch	-.018	-.066	-.106	.131	.113	.113	-.011	-.040	-.065	-.141	-.580	-.940	.888	.563	.348	-.276	-.289	-.329	.239	.158	.117			
Living status	-.041	-.141	-.143	.129	.113	.111	-.022	-.077	-.078	-.313	-1.254	-1.289	.754	.211	.199	-.295	-.363	-.362	.214	.081	.076			
Partners1		-.064	-.051		.125	.124		-.057	-.045		-.508	-.409		.612	.683		-.310	-.294		.183	.193			
Parnters2		.351	.360		.130	.128		.306	.313		2.699	2.802		.008	.006		.095	.107		.608	.613			
Partners3		.176	.126		.062	.064		.209	.150		2.844	1.959		.005	.052		.054	-.001		.297	.252			
Partners4		.096	.088		.030	.030		.209	.191		3.204	2.951		.002	.004		.037	.029		.156	.147			
Pre-test pregnancy			.130			.052			.165			2.501			.013			.028			.233			

*N=217*

**Model Summary**

Twelve months		Model		
		1	2	3
R		.278 <sup>a</sup>	.577 <sup>b</sup>	.594 <sup>c</sup>
R Square		.077	.332	.353
Adjusted R Square		.028	.283	.301
Std. Error of the Estimate		.714	.613	.605
Change Statistics	R Square Change	.077	.255	.020
	F Change	1.564	19.197	6.255
	df1	11	4	1
	df2	205	201	200
	Sig. F Change	.111	.000	.013

**ANOVA**

ANOVA									
Twelve months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	8.769	104.484	113.253	37.652	75.602	113.253	39.944	73.309	113.253
df	11	205	216	15	201	216	16	200	216
Mean Square	.797	.510		2.510	.376		2.497	.367	
F	1.564			6.674			6.811		
Sig.	.111 <sup>a</sup>			.000			.000 <sup>c</sup>		

Table 4.1 *Summary of Linear Regression Analyses: Sexual Intercourse Partners as a Predictor for Pregnancy Expectations*

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.764	.621	.802	.482	.451	.454				1.586	1.379	1.766	.113	.168	.078	-.182	-.263	-.090	1.710	1.506	1.693
RTR	-.023	-.019	-.017	.072	.067	.067	-.013	-.011	-.010	-.322	-.277	-.261	.747	.782	.794	-.164	-.150	-.148	.117	.113	.113
RTR+	-.054	-.052	-.047	.069	.064	.064	-.032	-.031	-.028	-.788	-.803	-.732	.431	.422	.464	-.189	-.178	-.173	.081	.075	.079
Gender	-.200	-.153	-.157	.058	.054	.054	-.120	-.092	-.095	-3.461	-2.825	-2.915	.001	.005	.004	-.313	-.259	-.263	-.086	-.047	-.051
Hispanic	.108	.069	.082	.084	.079	.079	.048	.031	.037	1.277	.871	1.034	.202	.384	.301	-.058	-.086	-.073	.274	.224	.236
African-American	.193	.179	.179	.070	.065	.065	.105	.098	.098	2.752	2.735	2.748	.006	.006	.006	.055	.051	.051	.330	.307	.307
Age	-.018	-.018	-.030	.029	.028	.028	-.021	-.022	-.035	-.610	-.671	-1.071	.542	.503	.285	-.076	-.073	-.084	.040	.036	.025
Parental Education	-.060	-.040	-.035	.032	.030	.030	-.069	-.046	-.041	-1.866	-1.325	-1.180	.062	.186	.238	-.123	-.099	-.094	.003	.019	.023
Grades	.103	.071	.062	.034	.032	.032	.107	.074	.065	3.019	2.222	1.931	.003	.027	.054	.036	.008	-.001	.170	.134	.125
Supervision	.037	.035	.027	.028	.026	.026	.046	.044	.035	1.320	1.345	1.048	.187	.179	.295	-.018	-.016	-.024	.091	.086	.079
Free lunch	.191	.110	.099	.068	.064	.064	.107	.062	.055	2.795	1.714	1.540	.005	.087	.124	.057	-.016	-.027	.325	.237	.225
Living status	.037	.018	.001	.065	.061	.061	.021	.010	.000	.568	.298	.011	.570	.766	.991	-.091	-.102	-.120	.166	.138	.121
Pre-test pregnancy		.360	.353		.034	.034		.353	.346		10.729	10.506		.000	.000		.294	.287		.426	.418
Pre-test partners			.084			.032			.088			2.628			.009			.021			.147



N=799

**Model Summary**

Post-test	Model			
	1	2	3	
R	.280 <sup>a</sup>	.443 <sup>b</sup>	.450 <sup>c</sup>	
R Square	.078	.196	.203	
Adjusted R Square	.065	.184	.190	
Std. Error of the Estimate	.790	.738	.736	
Change Statistics	R Square Change	.078	.118	.007
	F Change	6.065	115.102	6.907
	df1	11	1	1
	df2	787	786	785
	Sig. F Change	.000	.000	.009

**ANOVA**

Post-test	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	41.653	491.388	533.041	104.420	428.621	533.041	108.159	424.882	533.041
df	11	787	798	12	786	798	13	785	798
Mean Square	3.787	.624		8.702	.545		8.320	.541	
F	6.065			15.957			15.372		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 4.2 *Summary of Linear Regression Analyses: Sex Frequency as a Predictor for Pregnancy Expectations (N=797)*

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta									t			Sig.			Lower Bound		
	Model			Model			Model			Model			Model			Model			Model					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
(Constant)	.778	.640	.801	.485	.453	.458				1.605	1.413	1.748	.109	.158	.081	-.174	-.249	-.099	1.730	1.530	1.701			
RTR	-.016	-.013	-.016	.072	.067	.067	-.009	-.007	-.009	-.227	-.193	-.238	.820	.847	.812	-.157	-.145	-.148	.125	.119	.116			
RTR+	-.050	-.048	-.049	.069	.065	.065	-.029	-.029	-.029	-.718	-.749	-.766	.473	.454	.444	-.186	-.176	-.176	.086	.079	.077			
Gender	-.205	-.159	-.174	.058	.054	.055	-.123	-.095	-.104	-3.538	-2.922	-3.176	.000	.004	.002	-.319	-.266	-.281	-.091	-.052	-.066			
Hispanic	.105	.068	.083	.085	.080	.080	.047	.030	.037	1.238	.860	1.044	.216	.390	.297	-.062	-.088	-.073	.272	.225	.240			
African-American	.202	.189	.206	.070	.066	.066	.110	.103	.112	2.871	2.875	3.123	.004	.004	.002	.064	.060	.077	.340	.318	.336			
Age	-.018	-.019	-.028	.030	.028	.028	-.021	-.022	-.033	-.607	-.685	-1.016	.544	.493	.310	-.076	-.073	-.083	.040	.035	.027			
Parental Education	-.063	-.042	-.040	.032	.030	.030	-.071	-.047	-.046	-1.940	-1.376	-1.344	.053	.169	.179	-.126	-.101	-.100	.001	.018	.019			
Grades	.106	.073	.068	.034	.032	.032	.109	.075	.070	3.063	2.241	2.084	.002	.025	.037	.038	.009	.004	.173	.136	.131			
Supervision	.034	.033	.028	.028	.026	.026	.043	.041	.035	1.207	1.244	1.065	.228	.214	.287	-.021	-.019	-.024	.089	.084	.080			
Free lunch	.187	.105	.107	.069	.065	.065	.103	.058	.059	2.716	1.628	1.657	.007	.104	.098	.052	-.022	-.020	.322	.232	.234			
Living status	.040	.021	.015	.066	.062	.062	.022	.012	.009	.614	.342	.252	.539	.733	.801	-.089	-.100	-.105	.170	.142	.136			
Pre-test pregnancy		.361	.351		.034	.034		.353	.343		10.708	10.315		.000	.000		.295	.284		.428	.418			
Pre-test sex freq.			.006			.003			.071			2.134		.033			.000				.011			

Note: Pregnancy expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Post-test	Model		
	1	2	3
R	.283 <sup>a</sup>	.444 <sup>b</sup>	.449 <sup>c</sup>
R Square	.080	.197	.202
Adjusted R Square	.067	.185	.189
Std. Error of the Estimate	.794	.742	.740
Change Statistics	R Square Change	.080	.117
	F Change	6.190	114.665
	df1	11	1
	df2	785	784
	Sig. F Change	.000	.000

**ANOVA**

Post-test	Regression			Residual			Total		
	Model			Model			Model		
	1	2	3	1	2	3	1	2	3
Sum of Squares	42.926	106.070	108.567	494.881	431.737	429.240	537.807	537.807	537.807
df	11	12	13	785	784	783	796	796	796
Mean Square	3.902	8.839	8.351	.630	.551	.548			
F	6.190	16.051	15.234						
Sig.	.000 <sup>a</sup>	.000 <sup>b</sup>	.000 <sup>c</sup>						

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.677	1.314	1.548	.395	.378	.380				4.249	3.473	4.069	.000	.001	.000	.902	.571	.801	2.451	2.056	2.295
RTR	-.114	-.105	-.109	.059	.056	.055	-.073	-.067	-.070	-1.947	-1.878	-1.972	.052	.061	.049	-.229	-.214	-.217	.001	.005	.000
RTR+	-.081	-.056	-.058	.056	.054	.053	-.054	-.038	-.039	-1.438	-1.049	-1.088	.151	.295	.277	-.192	-.162	-.163	.030	.049	.047
Gender	-.387	-.318	-.341	.047	.046	.046	-.262	-.216	-.231	-8.188	-6.988	-7.474	.000	.000	.000	-.480	-.408	-.430	-.294	-.229	-.251
Hispanic	.239	.218	.240	.069	.066	.066	.121	.110	.121	3.454	3.308	3.654	.001	.001	.000	.103	.089	.111	.375	.348	.369
African-American	.295	.254	.281	.057	.055	.055	.182	.157	.173	5.152	4.641	5.127	.000	.000	.000	.183	.147	.173	.407	.362	.388
Age	-.048	-.040	-.054	.024	.023	.023	-.063	-.053	-.071	-1.976	-1.733	-2.318	.049	.084	.021	-.095	-.085	-.099	.000	.005	-.008
Parental Education	-.132	-.096	-.095	.026	.025	.025	-.170	-.125	-.123	-5.025	-3.800	-3.771	.000	.000	.000	-.183	-.146	-.144	-.080	-.047	-.046
Grades	.114	.079	.072	.028	.027	.027	.133	.093	.085	4.050	2.928	2.691	.000	.004	.007	.059	.026	.020	.169	.132	.125
Supervision	.046	.033	.027	.023	.022	.022	.065	.047	.038	2.002	1.527	1.234	.046	.127	.218	.001	-.009	-.016	.091	.076	.069
Free lunch	.086	.020	.022	.056	.054	.053	.054	.012	.014	1.537	.363	.421	.125	.717	.674	-.024	-.086	-.082	.196	.125	.127
Living status	.104	.090	.082	.054	.051	.051	.065	.056	.051	1.945	1.757	1.615	.052	.079	.107	-.001	-.011	-.018	.210	.190	.181
Pre-test pregnancy		.045	.033		.030	.030		.050	.036		1.487	1.084		.137	.279		-.014	-.026		.104	.091
Pregnancy2		.161	.152		.030	.030		.183	.173		5.323	5.058		.000	.000		.102	.093		.220	.211
Pregnancy3		.166	.169		.035	.035		.158	.160		4.779	4.892		.000	.000		.098	.101		.235	.237
Pre-test sex freq.			.008			.002			.117			3.719		.000			.004				.013

**Model Summary**

Six months		Model		
		1	2	3
R		.464 <sup>a</sup>	.541 <sup>b</sup>	.552 <sup>c</sup>
R Square		.215	.293	.305
Adjusted R Square		.204	.280	.292
Std. Error of the Estimate		.646	.615	.610
Change Statistics	R Square Change	.215	.077	.012
	F Change	19.602	28.390	13.834
	df1	11	3	1
	df2	785	782	781
	Sig. F Change	.000	.000	.000

**ANOVA**

Six months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		90.077	327.930	418.008	122.285	295.722	418.008	127.433	290.575	418.008
df		11	785	796	14	782	796	15	781	796
Mean Square		8.189	.418		8.735	.378		8.496	.372	
F		19.602			23.098			22.834		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		



Twelve months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.206	-.434	-.276	.437	.416	.422				.472	-1.043	-.654	.637	.297	.513	-.651	-1.250	-1.104	1.064	.383	.552			
RTR	-.057	-.025	-.028	.065	.061	.061	-.036	-.015	-.018	-.880	-.405	-.468	.379	.685	.640	-.184	-.144	-.148	.070	.095	.091			
RTR+	-.035	-.001	-.002	.062	.059	.059	-.023	-.001	-.002	-.563	-.014	-.041	.574	.989	.967	-.158	-.116	-.117	.087	.114	.113			
Gender	-.329	-.188	-.205	.052	.051	.052	-.216	-.124	-.135	-6.288	-3.673	-3.963	.000	.000	.000	-.432	-.289	-.307	-.226	-.088	-.104			
Hispanic	.092	.017	.033	.077	.073	.073	.045	.008	.016	1.200	.235	.451	.230	.814	.652	-.058	-.125	-.110	.243	.159	.176			
African-American	-.078	-.173	-.154	.063	.061	.061	-.047	-.103	-.092	-1.230	-2.851	-2.511	.219	.004	.012	-.202	-.292	-.274	.046	-.054	-.034			
Age	.038	.054	.045	.027	.025	.025	.049	.069	.058	1.430	2.137	1.765	.153	.033	.078	-.014	.004	-.005	.091	.103	.095			
Parental Education	-.051	.006	.006	.029	.028	.028	-.064	.008	.008	-1.748	.221	.218	.081	.825	.828	-.108	-.049	-.049	.006	.061	.061			
Grades	.117	.062	.059	.031	.030	.030	.133	.071	.067	3.768	2.102	1.990	.000	.036	.047	.056	.004	.001	.178	.120	.117			
Supervision	.015	-.004	-.008	.025	.024	.024	.020	-.005	-.010	.578	-.163	-.316	.563	.870	.752	-.035	-.051	-.054	.064	.043	.039			
Free lunch	.120	.040	.042	.062	.059	.059	.073	.025	.026	1.934	.684	.720	.053	.494	.472	-.002	-.075	-.073	.241	.156	.157			
Living status	.018	-.019	-.023	.059	.056	.056	.011	-.011	-.014	.308	-.335	-.405	.758	.738	.686	-.098	-.128	-.132	.135	.091	.087			
Pre-test pregnancy		.108	.101		.033	.033		.117	.109		3.301	3.078		.001	.002		.044	.037		.173	.166			
Pregnancy2		.100	.097		.034	.034		.110	.106		2.985	2.878		.003	.004		.034	.031		.166	.163			
Pregnancy3		.108	.112		.039	.039		.100	.103		2.808	2.899		.005	.004		.033	.036		.184	.187			
Pregnancy4		.225	.214		.039	.039		.218	.207		5.757	5.447		.000	.000		.148	.137		.301	.291			
Pre-test sex freq.			.005			.002			.069			2.058			.040			.000			.010			

Note: Pregnancy expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Twelve months		Model		
		1	2	3
R		.310 <sup>a</sup>	.457 <sup>b</sup>	.462 <sup>c</sup>
R Square		.096	.209	.213
Adjusted R Square		.083	.194	.197
Std. Error of the Estimate		.716	.671	.670
Change Statistics	R Square Change	.096	.113	.004
	F Change	7.573	27.911	4.234
	df1	11	4	1
	df2	785	781	780
	Sig. F Change	.000	.000	.040

**ANOVA**

Twelve months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	42.647	401.892	444.540	92.912	351.628	444.540	94.810	349.729	444.540
df	11	785	796	15	781	796	16	780	796
Mean Square	3.877	.512		6.194	.450		5.926	.448	
F	7.573			13.758			13.216		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		



Table 4.3 *Summary of Logistic Regression Analyses: Pregnancy Expectation as a Predictor for Unprotected Sex*

Three months		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B)	
								Lower	Upper
Block 3	RTR	-.415	.868	.229	1	.632	.660	.120	3.621
	RTR_plus	-.451	.676	.446	1	.504	.637	.169	2.394
	Gender	-.361	.637	.321	1	.571	.697	.200	2.431
	Hispanic	.137	.746	.034	1	.854	1.147	.266	4.945
	African_American	1.091	.826	1.744	1	.187	2.978	.590	15.035
	Age	.109	.300	.133	1	.716	1.115	.620	2.008
	Parental_education	-.169	.331	.259	1	.611	.845	.441	1.617
	Grades	-.474	.381	1.544	1	.214	.623	.295	1.314
	Living status	-.554	.737	.564	1	.453	.575	.135	2.438
	Supervision	.392	.299	1.719	1	.190	1.480	.823	2.662
	Free lunch	.712	.675	1.114	1	.291	2.039	.543	7.654
	unprotectedsex	2.455	.968	6.431	1	.011	11.642	1.746	77.616
	unprotectedsex2	2.830	.906	9.762	1	.002	16.949	2.871	100.041
	Pregnancy_expectations1	.669	.267	6.252	1	.012	1.952	1.155	3.297
	Constant	-5.272	4.914	1.151	1	.283	.005		

Table 4.4 *Summary of Linear Regression Analyses: Alcohol Use as a Predictor for STD Expectations by Age 25 (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.911	.614	.696	.394	.375	.374				2.313	1.638	1.862	.021	.102	.063	.138	-.122	-.038	1.685	1.350	1.430			
RTR	.076	.097	.087	.058	.055	.055	.054	.068	.062	1.308	1.746	1.587	.191	.081	.113	-.038	-.012	-.021	.190	.205	.195			
RTR+	.037	.045	.039	.056	.053	.053	.027	.033	.029	.657	.854	.738	.511	.393	.461	-.073	-.059	-.065	.147	.150	.143			
Gender	-.166	-.111	-.127	.047	.045	.045	-.123	-.083	-.095	-3.528	-2.481	-2.831	.000	.013	.005	-.258	-.200	-.216	-.074	-.023	-.039			
Hispanic	-.040	-.003	-.006	.069	.066	.065	-.022	-.002	-.003	-.580	-.044	-.092	.562	.965	.927	-.176	-.132	-.134	.096	.126	.122			
African-American	.121	.138	.163	.057	.054	.054	.082	.093	.110	2.135	2.549	2.995	.033	.011	.003	.010	.032	.056	.233	.244	.269			
Age	-.019	-.008	-.014	.024	.023	.023	-.028	-.012	-.021	-.796	-.366	-.627	.426	.715	.531	-.066	-.053	-.059	.028	.037	.030			
Parental Education	-.065	-.053	-.052	.026	.025	.025	-.092	-.075	-.074	-2.495	-2.142	-2.117	.013	.033	.035	-.116	-.102	-.101	-.014	-.004	-.004			
Grades	.074	.036	.027	.028	.027	.027	.094	.046	.035	2.633	1.326	1.013	.009	.185	.311	.019	-.017	-.025	.128	.088	.080			
Supervision	.014	.004	-.006	.023	.022	.022	.022	.006	-.010	.617	.167	-.285	.538	.868	.776	-.031	-.039	-.049	.059	.046	.036			
Free lunch	.099	.062	.071	.055	.053	.052	.068	.043	.049	1.790	1.179	1.354	.074	.239	.176	-.010	-.041	-.032	.208	.165	.174			
Living status	-.087	-.110	-.117	.053	.051	.050	-.060	-.076	-.080	-1.640	-2.184	-2.331	.102	.029	.020	-.192	-.210	-.216	.017	-.011	-.019			
STD expectation1		.108	.104		.032	.031		.121	.117		3.417	3.305		.001	.001		.046	.042		.170	.165			
STD expectation2		.215	.214		.030	.030		.259	.256		7.249	7.220		.000	.000		.157	.155		.274	.272			
Pre-test alcohol			.070			.023			.106			3.113		.002				.026			.114			

Note: STD expectation was measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Three months		Model		
		1	2	3
R		.235 <sup>a</sup>	.390 <sup>b</sup>	.403 <sup>c</sup>
R Square		.055	.152	.163
Adjusted R Square		.042	.138	.148
Std. Error of the Estimate		.647	.613	.610
Change Statistics	R Square Change	.055	.097	.010
	F Change	4.219	45.456	9.693
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.002

**ANOVA**

Three months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		19.419	332.685	352.104	53.636	298.468	352.104	57.245	294.859	352.104
df		11	795	806	13	793	806	14	792	806
Mean Square		1.765	.418		4.126	.376		4.089	.372	
F		4.219			10.962			10.983		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 4.5 Summary of Linear Regression Analyses: Drug Use as a Predictor for STD Expectations by Age 25 (N=807)

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.911	.614	.612	.394	.375	.374				2.313	1.638	1.637	.021	.102	.102	.138	-.122	-.122	1.685	1.350	1.346			
RTR	.076	.097	.098	.058	.055	.055	.054	.068	.069	1.308	1.746	1.776	.191	.081	.076	-.038	-.012	-.010	.190	.205	.206			
RTR+	.037	.045	.049	.056	.053	.053	.027	.033	.036	.657	.854	.918	.511	.393	.359	-.073	-.059	-.055	.147	.150	.153			
Gender	-.166	-.111	-.117	.047	.045	.045	-.123	-.083	-.087	-3.528	-2.481	-2.617	.000	.013	.009	-.258	-.200	-.206	-.074	-.023	-.029			
Hispanic	-.040	-.003	-.011	.069	.066	.066	-.022	-.002	-.006	-.580	-.044	-.169	.562	.965	.866	-.176	-.132	-.140	.096	.126	.117			
African-American	.121	.138	.153	.057	.054	.054	.082	.093	.103	2.135	2.549	2.814	.033	.011	.005	.010	.032	.046	.233	.244	.259			
Age	-.019	-.008	-.008	.024	.023	.023	-.028	-.012	-.012	-.796	-.366	-.370	.426	.715	.711	-.066	-.053	-.053	.028	.037	.036			
Parental	-.065	-.053	-.049	.026	.025	.025	-.092	-.075	-.069	-2.495	-2.142	-1.968	.013	.033	.049	-.116	-.102	-.097	-.014	-.004	.000			
Education																								
Grades	.074	.036	.027	.028	.027	.027	.094	.046	.035	2.633	1.326	1.006	.009	.185	.315	.019	-.017	-.026	.128	.088	.080			
Supervision	.014	.004	.001	.023	.022	.022	.022	.006	.002	.617	.167	.065	.538	.868	.948	-.031	-.039	-.041	.059	.046	.044			
Free lunch	.099	.062	.068	.055	.053	.053	.068	.043	.047	1.790	1.179	1.287	.074	.239	.198	-.010	-.041	-.036	.208	.165	.171			
Living status	-.087	-.110	-.116	.053	.051	.050	-.060	-.076	-.079	-1.640	-2.184	-2.294	.102	.029	.022	-.192	-.210	-.215	.017	-.011	-.017			
STD expectation1		.108	.107		.032	.031		.121	.120		3.417	3.394		.001	.001		.046	.045		.170	.168			
STD expectation2		.215	.215		.030	.030		.259	.258		7.249	7.261		.000	.000		.157	.157		.274	.273			
Pre-test drug use			.098			.042			.078			2.332		.020			.015				.180			

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Three months		Model		
		1	2	3
R		.235 <sup>a</sup>	.390 <sup>b</sup>	.398 <sup>c</sup>
R Square		.055	.152	.158
Adjusted R Square		.042	.138	.143
Std. Error of the Estimate		.647	.613	.612
Change Statistics	R Square Change	.055	.097	.006
	F Change	4.219	45.456	5.436
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.020

**ANOVA**

Three months	Regression			Residual			Total		
	Model			Model			Model		
	1	2	3	1	2	3	1	2	3
Sum of Squares	19.419	53.636	55.671	332.685	298.468	296.433	352.104	352.104	352.104
df	11	13	14	795	793	792	806	806	806
Mean Square	1.765	4.126	3.977	.418	.376	.374			
F	4.219	10.962	10.624						
Sig.	.000 <sup>a</sup>	.000 <sup>b</sup>	.000 <sup>c</sup>						

Table 4.6 *Summary of Linear Regression Analyses: Marijuana Use as a Predictor for STD Expectations by Age 25 (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients			95.0% Confidence Interval for B											
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.911	.614	.682	.394	.375	.373				2.313	1.638	1.828	.021	.102	.068	.138	-.122	-.050	1.685	1.350	1.414
RTR	.076	.097	.092	.058	.055	.055	.054	.068	.065	1.308	1.746	1.674	.191	.081	.095	-.038	-.012	-.016	.190	.205	.200
RTR+	.037	.045	.035	.056	.053	.053	.027	.033	.026	.657	.854	.655	.511	.393	.513	-.073	-.059	-.069	.147	.150	.139
Gender	-.166	-.111	-.116	.047	.045	.045	-.123	-.083	-.086	-3.528	-2.481	-2.602	.000	.013	.009	-.258	-.200	-.204	-.074	-.023	-.029
Hispanic	-.040	-.003	-.006	.069	.066	.065	-.022	-.002	-.003	-.580	-.044	-.085	.562	.965	.932	-.176	-.132	-.133	.096	.126	.122
African-American	.121	.138	.157	.057	.054	.054	.082	.093	.107	2.135	2.549	2.913	.033	.011	.004	.010	.032	.051	.233	.244	.263
Age	-.019	-.008	-.012	.024	.023	.023	-.028	-.012	-.018	-.796	-.366	-.532	.426	.715	.595	-.066	-.053	-.057	.028	.037	.033
Parental education	-.065	-.053	-.050	.026	.025	.025	-.092	-.075	-.070	-2.495	-2.142	-2.010	.013	.033	.045	-.116	-.102	-.098	-.014	-.004	-.001
Grades	.074	.036	.021	.028	.027	.027	.094	.046	.027	2.633	1.326	.766	.009	.185	.444	.019	-.017	-.032	.128	.088	.074
Supervision	.014	.004	-.003	.023	.022	.022	.022	.006	-.004	.617	.167	-.132	.538	.868	.895	-.031	-.039	-.045	.059	.046	.039
Free lunch	.099	.062	.065	.055	.053	.052	.068	.043	.045	1.790	1.179	1.236	.074	.239	.217	-.010	-.041	-.038	.208	.165	.167
Living status	-.087	-.110	-.128	.053	.051	.050	-.060	-.076	-.088	-1.640	-2.184	-2.532	.102	.029	.012	-.192	-.210	-.227	.017	-.011	-.029
STD1		.108	.109		.032	.031		.121	.122		3.417	3.473		.001	.001		.046	.047		.170	.170
STD2		.215	.209		.030	.030		.259	.251		7.249	7.062		.000	.000		.157	.151		.274	.267
Pre-test marijuana			.075			.022			.114			3.364		.001				.031			.118

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.911	.614	.682	.394	.375	.373				2.313	1.638	1.828	.021	.102	.068	.138	-.122	-.050	1.685	1.350	1.414			
RTR	.076	.097	.092	.058	.055	.055	.054	.068	.065	1.308	1.746	1.674	.191	.081	.095	-.038	-.012	-.016	.190	.205	.200			
RTR+	.037	.045	.035	.056	.053	.053	.027	.033	.026	.657	.854	.655	.511	.393	.513	-.073	-.059	-.069	.147	.150	.139			
Gender	-.166	-.111	-.116	.047	.045	.045	-.123	-.083	-.086	-3.528	-2.481	-2.602	.000	.013	.009	-.258	-.200	-.204	-.074	-.023	-.029			
Hispanic	-.040	-.003	-.006	.069	.066	.065	-.022	-.002	-.003	-.580	-.044	-.085	.562	.965	.932	-.176	-.132	-.133	.096	.126	.122			
African-American	.121	.138	.157	.057	.054	.054	.082	.093	.107	2.135	2.549	2.913	.033	.011	.004	.010	.032	.051	.233	.244	.263			
Age	-.019	-.008	-.012	.024	.023	.023	-.028	-.012	-.018	-.796	-.366	-.532	.426	.715	.595	-.066	-.053	-.057	.028	.037	.033			
Parental education	-.065	-.053	-.050	.026	.025	.025	-.092	-.075	-.070	-2.495	-2.142	-2.010	.013	.033	.045	-.116	-.102	-.098	-.014	-.004	-.001			
Grades	.074	.036	.021	.028	.027	.027	.094	.046	.027	2.633	1.326	.766	.009	.185	.444	.019	-.017	-.032	.128	.088	.074			
Supervision	.014	.004	-.003	.023	.022	.022	.022	.006	-.004	.617	.167	-.132	.538	.868	.895	-.031	-.039	-.045	.059	.046	.039			
Free lunch	.099	.062	.065	.055	.053	.052	.068	.043	.045	1.790	1.179	1.236	.074	.239	.217	-.010	-.041	-.038	.208	.165	.167			
Living status	-.087	-.110	-.128	.053	.051	.050	-.060	-.076	-.088	-1.640	-2.184	-2.532	.102	.029	.012	-.192	-.210	-.227	.017	-.011	-.029			
STD1		.108	.109		.032	.031		.121	.122		3.417	3.473		.001	.001		.046	.047		.170	.170			
STD2		.215	.209		.030	.030		.259	.251		7.249	7.062		.000	.000		.157	.151		.274	.267			
Pre-test marijuana			.075			.022			.114			3.364			.001			.031			.118			

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Three months		Model		
		1	2	3
R		.235 <sup>a</sup>	.390 <sup>b</sup>	.405 <sup>c</sup>
R Square		.055	.152	.164
Adjusted R Square		.042	.138	.150
Std. Error of the Estimate		.647	.613	.610
Change Statistics	R Square Change	.055	.097	.012
	F Change	4.219	45.456	11.318
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.001

**ANOVA**

Three months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		19.419	332.685	352.104	53.636	298.468	352.104	57.841	294.263	352.104
df		11	795	806	13	793	806	14	792	806
Mean Square		1.765	.418		4.126	.376		4.132	.372	
F		4.219			10.962			11.120		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		



Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.689	1.253	1.297	.378	.349	.349				4.465	3.591	3.717	.000	.000	.000	.947	.568	.612	2.432	1.938	1.981
RTR	-.089	-.093	-.095	.056	.051	.051	-.062	-.065	-.066	-1.591	-1.808	-1.847	.112	.071	.065	-.199	-.194	-.196	.021	.008	.006
RTR+	-.153	-.156	-.162	.054	.049	.049	-.112	-.114	-.118	-2.849	-3.161	-3.280	.005	.002	.001	-.259	-.253	-.259	-.048	-.059	-.065
Gender	-.316	-.237	-.240	.045	.042	.042	-.233	-.174	-.177	-7.009	-5.649	-5.742	.000	.000	.000	-.405	-.319	-.322	-.228	-.154	-.158
Hispanic	.213	.249	.248	.066	.061	.061	.116	.136	.135	3.212	4.092	4.074	.001	.000	.000	.083	.130	.128	.343	.369	.367
African-American	.184	.166	.178	.055	.050	.051	.123	.111	.119	3.370	3.293	3.519	.001	.001	.000	.077	.067	.079	.291	.265	.277
Age	-.046	-.033	-.035	.023	.021	.021	-.066	-.048	-.051	-1.971	-1.560	-1.665	.049	.119	.096	-.091	-.075	-.077	.000	.009	.006
Parental education	-.116	-.091	-.089	.025	.023	.023	-.162	-.128	-.125	-4.612	-3.942	-3.878	.000	.000	.000	-.165	-.136	-.135	-.066	-.046	-.044
Grades	.089	.044	.036	.027	.025	.025	.113	.056	.045	3.327	1.764	1.418	.001	.078	.156	.037	-.005	-.014	.142	.093	.085
Supervision	.014	.003	-.001	.022	.020	.020	.022	.005	-.001	.642	.156	-.027	.521	.876	.979	-.029	-.036	-.040	.057	.043	.039
Free lunch	-.011	-.062	-.060	.053	.049	.049	-.008	-.042	-.041	-.214	-1.269	-1.231	.831	.205	.219	-.116	-.158	-.156	.093	.034	.036
Living status	.054	.059	.048	.051	.047	.047	.037	.040	.033	1.062	1.254	1.019	.289	.210	.309	-.046	-.033	-.045	.155	.152	.141
STD1		.077	.079		.030	.029		.086	.088		2.619	2.674		.009	.008		.019	.021		.135	.137
STD2		.154	.152		.029	.028		.183	.181		5.413	5.352		.000	.000		.098	.097		.210	.208
STD3		.245	.237		.033	.033		.242	.234		7.423	7.142		.000	.000		.180	.172		.310	.302
Pre-test marijuana			.043			.021			.065			2.050			.041			.002			.084

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Six months		Model		
		1	2	3
R		.385 <sup>a</sup>	.535 <sup>b</sup>	.538 <sup>c</sup>
R Square		.148	.286	.289
Adjusted R Square		.136	.273	.276
Std. Error of the Estimate		.621	.570	.569
Change Statistics	R Square Change	.148	.138	.004
	F Change	12.571	50.826	4.202
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.041

**ANOVA**

Six months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		53.349	306.705	360.055	102.864	257.190	360.055	104.223	255.831	360.055
df		11	795	806	14	792	806	15	791	806
Mean Square		4.850	.386		7.347	.325		6.948	.323	
F		12.571			22.626			21.483		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 4.7 *Summary of Linear Regression Analyses: STD Expectations by Age 25 as a Predictor for Truancy (N=807)*

Twelve months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-.763	-.767	-.837	.453	.406	.406				-1.686	-1.890	-2.063	.092	.059	.039	-1.652	-1.564	-1.634	.125	.030	-.041
RTR	.092	.101	.102	.067	.060	.060	.055	.060	.061	1.370	1.686	1.719	.171	.092	.086	-.040	-.017	-.015	.223	.218	.219
RTR+	.045	.058	.058	.064	.058	.057	.028	.036	.036	.698	1.006	1.008	.486	.315	.314	-.082	-.055	-.055	.171	.171	.170
Gender	.043	.061	.069	.054	.048	.048	.027	.039	.043	.798	1.271	1.421	.425	.204	.156	-.063	-.034	-.026	.149	.157	.164
Hispanic	.234	.154	.162	.079	.071	.071	.110	.072	.076	2.953	2.170	2.282	.003	.030	.023	.079	.015	.023	.390	.294	.301
African-American	-.066	.042	.052	.065	.059	.059	-.038	.024	.030	-1.010	.708	.893	.313	.479	.372	-.194	-.074	-.063	.062	.157	.168
Age	.070	.061	.064	.028	.025	.025	.086	.075	.079	2.526	2.450	2.575	.012	.015	.010	.016	.012	.015	.124	.109	.112
Parental education	-.072	-.035	-.033	.030	.027	.027	-.087	-.042	-.040	-2.412	-1.298	-1.233	.016	.195	.218	-.131	-.088	-.086	-.013	.018	.020
Grades	.172	.048	.038	.032	.031	.031	.188	.052	.041	5.372	1.563	1.226	.000	.118	.220	.109	-.012	-.023	.235	.108	.098
Supervision	.055	.026	.025	.026	.024	.023	.072	.034	.033	2.092	1.095	1.049	.037	.274	.294	.003	-.020	-.021	.106	.072	.071
Free lunch	-.029	-.036	-.046	.064	.057	.057	-.017	-.021	-.027	-.454	-.636	-.816	.650	.525	.415	-.154	-.148	-.158	.096	.075	.065
Living status	.164	.082	.075	.061	.055	.055	.095	.048	.044	2.677	1.495	1.370	.008	.135	.171	.044	-.026	-.033	.284	.190	.183
Pre-test skipping		-.014	-.019		.037	.037		-.017	-.023		-.385	-.519		.700	.604		-.086	-.091		.058	.053
skipping2		.189	.194		.045	.045		.192	.197		4.203	4.323		.000	.000		.100	.106		.277	.281
skipping3		.197	.200		.039	.039		.183	.187		5.075	5.182		.000	.000		.121	.124		.273	.276
skipping4		.233	.233		.038	.038		.226	.226		6.143	6.174		.000	.000		.158	.159		.307	.307
Pre-test STD			.080			.032			.076			2.494		.013				.017			.143

Note: Truancy is measured on a five-point scale, scored from 0 to 4, never to almost every day.

**Model Summary**

Twelve months		Model		
		1	2	3
R		.319 <sup>a</sup>	.537 <sup>b</sup>	.542 <sup>c</sup>
R Square		.101	.289	.294
Adjusted R Square		.089	.275	.280
Std. Error of the Estimate		.743	.663	.661
Change Statistics	R Square Change	.101	.187	.006
	F Change	8.163	52.021	6.219
	df1	11	4	1
	df2	795	791	790
	Sig. F Change	.000	.000	.013

**ANOVA**

Twelve months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		49.613	439.259	488.872	141.101	347.772	488.872	143.817	345.056	488.872
df		11	795	806	15	791	806	16	790	806
Mean Square		4.510	.553		9.407	.440		8.989	.437	
F		8.163			21.395			20.579		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 4.8 *Summary of Linear Regression Analyses: Truancy as a Predictor for Expectations for STD by Age 25 (N=807)*

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.976	.691	.773	.473	.447	.448				2.065	1.545	1.727	.039	.123	.084	.048	-.187	-.105	1.905	1.568	1.652			
RTR	-.085	-.079	-.082	.070	.066	.066	-.050	-.046	-.048	-1.219	-1.194	-1.242	.223	.233	.214	-.222	-.208	-.211	.052	.051	.047			
RTR+	-.041	-.043	-.044	.067	.063	.063	-.025	-.026	-.027	-.616	-.671	-.690	.538	.502	.490	-.174	-.167	-.168	.091	.082	.081			
Gender	-.207	-.176	-.180	.056	.053	.053	-.129	-.109	-.111	-3.680	-3.307	-3.380	.000	.001	.001	-.318	-.281	-.284	-.097	-.072	-.075			
Hispanic	-.120	-.083	-.089	.083	.078	.078	-.055	-.038	-.041	-1.451	-1.065	-1.141	.147	.287	.254	-.283	-.237	-.242	.042	.070	.064			
African-American	-.013	.031	.037	.068	.064	.064	-.008	.017	.021	-.197	.480	.576	.844	.631	.564	-.147	-.096	-.089	.120	.157	.163			
Age	-.032	-.020	-.023	.029	.027	.027	-.039	-.024	-.028	-1.124	-.733	-.852	.261	.464	.394	-.089	-.074	-.077	.024	.034	.030			
Parental education	-.046	-.038	-.036	.031	.030	.030	-.054	-.045	-.043	-1.455	-1.298	-1.229	.146	.195	.219	-.107	-.096	-.094	.016	.020	.022			
Grades	.115	.071	.048	.034	.032	.034	.123	.076	.051	3.418	2.223	1.418	.001	.026	.157	.049	.008	-.018	.180	.134	.114			
Supervision	.041	.036	.029	.027	.026	.026	.053	.046	.038	1.501	1.387	1.133	.134	.166	.258	-.013	-.015	-.022	.095	.086	.080			
Free lunch	.108	.063	.058	.066	.063	.063	.062	.036	.033	1.628	1.005	.920	.104	.315	.358	-.022	-.060	-.065	.239	.186	.181			
Living status	.066	.037	.027	.064	.060	.060	.038	.021	.016	1.033	.607	.453	.302	.544	.651	-.059	-.082	-.091	.191	.155	.146			
STD1		.354	.353		.035	.035		.332	.331		9.987	9.978		.000	.000		.285	.284		.424	.423			
Pre-test skipping			.063			.030			.074			2.093			.037			.004			.123			

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Post-test	Model		
	1	2	3
R	.236 <sup>a</sup>	.401 <sup>b</sup>	.407 <sup>c</sup>
R Square	.056	.161	.166
Adjusted R Square	.042	.148	.152
Std. Error of the Estimate	.776	.732	.731
Change Statistics			
R Square Change	.056	.105	.005
F Change	4.249	99.735	4.381
df1	11	1	1
df2	795	794	793
Sig. F Change	.000	.000	.037

**ANOVA**

Post-test	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	28.181	479.330	507.512	81.671	425.840	507.512	84.011	423.501	507.512
df	11	795	806	12	794	806	13	793	806
Mean Square	2.562	.603		6.806	.536		6.462	.534	
F	4.249			12.690			12.101		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 4.9 *Summary of Linear Regression Analyses: STD Expectations as a Predictor for Vandalism (N=807)*

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.761	.835	.783	.367	.305	.305				2.073	2.736	2.567	.038	.006	.010	.040	.236	.184	1.482	1.435	1.381			
RTR	.031	.027	.028	.054	.045	.045	.023	.020	.021	.562	.592	.622	.574	.554	.534	-.076	-.062	-.060	.137	.115	.116			
RTR+	-.006	-.035	-.035	.052	.043	.043	-.005	-.027	-.027	-.112	-.804	-.803	.911	.421	.422	-.108	-.120	-.120	.097	.050	.050			
Gender	-.137	-.068	-.063	.044	.037	.036	-.108	-.054	-.050	-3.128	-1.853	-1.726	.002	.064	.085	-.223	-.140	-.135	-.051	.004	.009			
Hispanic	.101	.092	.099	.064	.053	.053	.059	.054	.058	1.576	1.724	1.857	.115	.085	.064	-.025	-.013	-.006	.228	.197	.204			
African-American	-.053	-.022	-.014	.053	.044	.044	-.038	-.016	-.010	-.999	-.490	-.317	.318	.624	.751	-.157	-.108	-.100	.051	.065	.072			
Age	-.044	-.046	-.043	.022	.019	.019	-.068	-.071	-.067	-1.951	-2.454	-2.337	.051	.014	.020	-.088	-.082	-.080	.000	-.009	-.007			
Parental education	-.010	-.030	-.029	.024	.020	.020	-.015	-.046	-.043	-.403	-1.500	-1.426	.687	.134	.154	-.058	-.070	-.068	.038	.009	.011			
Grades	.140	.063	.056	.026	.022	.022	.191	.086	.076	5.384	2.841	2.519	.000	.005	.012	.089	.019	.012	.191	.106	.099			
Supervision	-.006	-.004	-.005	.021	.018	.018	-.010	-.006	-.008	-.277	-.202	-.258	.782	.840	.796	-.048	-.038	-.039	.036	.031	.030			
Free lunch	.023	.007	-.001	.052	.043	.043	.017	.005	-.001	.450	.153	-.032	.653	.878	.974	-.078	-.078	-.085	.124	.091	.083			
Living status	.022	.005	.000	.050	.041	.041	.016	.004	.000	.446	.129	.005	.656	.897	.996	-.075	-.076	-.081	.120	.086	.081			
Vandalism1		.584	.577		.031	.031		.552	.544		18.868	18.617		.000	.000		.524	.516		.645	.638			
Pre-test STD			.064			.024			.077			2.647		.008				.017			.112			

Note: Vandalism is measured on a five-point scale, scored from 0 to 4, never to almost every day.

**Model Summary**

Post-test		Model		
		1	2	3
R		.266 <sup>a</sup>	.599 <sup>b</sup>	.603 <sup>c</sup>
R Square		.071	.358	.364
Adjusted R Square		.058	.349	.353
Std. Error of the Estimate		.603	.501	.499
Change Statistics	R Square Change	.071	.288	.006
	F Change	5.486	356.010	7.009
	df1	11	1	1
	df2	795	794	793
	Sig. F Change	.000	.000	.008

**ANOVA**

Post-test		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		21.931	288.941	310.872	111.379	199.493	310.872	113.127	197.746	310.872
Df		11	795	806	12	794	806	13	793	806
Mean Square		1.994	.363		9.282	.251		8.702	.249	
F		5.486			36.941			34.897		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		



Table 5.0 *Summary of Linear Regression Analyses: STD Expectations as a Predictor for Sexual Intercourse Partners*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.271	.939	.665	1.465	1.329	1.319				.185	.707	.504	.853	.480	.615	-2.612	-1.676	-1.932	3.155	3.555	3.263
RTR	.032	.044	.056	.230	.209	.206	.009	.013	.016	.140	.212	.273	.889	.833	.785	-.421	-.366	-.350	.486	.455	.463
RTR+	-.133	-.024	-.023	.195	.178	.176	-.047	-.008	-.008	-.682	-.136	-.132	.496	.892	.895	-.517	-.374	-.369	.251	.325	.323
Gender	.252	.137	.190	.175	.159	.159	.087	.047	.065	1.439	.857	1.191	.151	.392	.234	-.093	-.177	-.124	.597	.451	.503
Hispanic	-.113	.071	.077	.231	.210	.208	-.033	.021	.023	-.489	.336	.373	.625	.737	.710	-.567	-.343	-.332	.342	.484	.487
African-American	-.163	-.146	-.131	.259	.234	.232	-.040	-.036	-.032	-.628	-.623	-.565	.531	.534	.573	-.673	-.607	-.588	.347	.315	.326
Age	.011	-.041	-.031	.089	.081	.080	.007	-.028	-.021	.124	-.508	-.386	.902	.612	.699	-.164	-.200	-.188	.186	.118	.126
Parental education	-.110	-.036	-.024	.098	.089	.089	-.075	-.025	-.016	-1.116	-.400	-.268	.266	.689	.789	-.304	-.212	-.198	.084	.140	.151
Grades	.246	.123	.112	.108	.099	.098	.139	.069	.063	2.270	1.240	1.143	.024	.216	.254	.033	-.072	-.081	.459	.318	.305
Supervision	-.070	-.106	-.118	.082	.074	.073	-.051	-.078	-.086	-.860	-1.435	-1.604	.390	.152	.110	-.231	-.252	-.263	.091	.040	.027
Free lunch	-.103	-.315	-.349	.224	.205	.204	-.031	-.096	-.106	-.461	-1.535	-1.715	.645	.126	.088	-.544	-.719	-.750	.337	.089	.052
Living status	.356	.269	.242	.210	.192	.190	.104	.078	.071	1.696	1.401	1.272	.091	.162	.204	-.057	-.109	-.132	.770	.646	.616
Partners1		-.060	-.070		.149	.148		-.038	-.044		-.399	-.471		.690	.638		-.353	-.360		.234	.221
Partners2		.524	.532		.172	.170		.294	.299		3.050	3.126		.003	.002		.186	.197		.863	.867
Partners3		.469	.459		.111	.109		.261	.256		4.242	4.195		.000	.000		.251	.244		.686	.675
Pre-test STD			.272			.105			.139			2.592			.010			.065			.478

Note:  $N=290$

**Model Summary**

Six months		Model		
		1	2	3
R		.218 <sup>a</sup>	.480 <sup>b</sup>	.499 <sup>c</sup>
R Square		.047	.230	.249
Adjusted R Square		.010	.191	.207
Std. Error of the Estimate		1.418	1.281	1.268
Change Statistics	R Square Change	.047	.183	.018
	F Change	1.255	21.776	6.717
	df1	11	3	1
	df2	278	275	274
	Sig. F Change	.251	.000	.010

**ANOVA**

Six months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	27.748	558.748	586.497	135.005	451.492	586.497	145.808	440.688	586.497
df	11	278	289	14	275	289	15	274	289
Mean Square	2.523	2.010		9.643	1.642		9.721	1.608	
F	1.255			5.874			6.044		
Sig.	.251 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 5.0 *Summary of Linear Regression Analyses: STD Expectations as a Predictor for Sexual Intercourse Partners (continued)*

Twelve months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta									t			Sig.			Lower Bound		
	Model			Model			Model			Model			Model			Model			Model					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
(Constant)	-1.665	-1.452	-1.742	.850	.732	.711				-1.958	-1.985	-2.450	.052	.049	.015	-3.342	-2.895	-3.143	.011	-.010	-.340			
RTR	.072	.043	.066	.137	.118	.114	.040	.024	.037	.527	.364	.579	.599	.716	.564	-.198	-.190	-.159	.342	.276	.291			
RTR+	.051	.103	.122	.114	.098	.095	.035	.071	.084	.447	1.046	1.288	.655	.297	.199	-.173	-.091	-.065	.275	.296	.309			
Gender	.189	.119	.164	.105	.092	.090	.127	.080	.111	1.799	1.295	1.833	.074	.197	.068	-.018	-.062	-.012	.396	.301	.341			
Hispanic	-.086	.020	.029	.128	.111	.107	-.054	.012	.018	-.677	.179	.272	.499	.858	.786	-.338	-.198	-.182	.165	.238	.240			
African-American	-.267	-.084	-.086	.179	.156	.150	-.111	-.035	-.036	-1.495	-.538	-.571	.137	.591	.569	-.619	-.391	-.382	.085	.223	.211			
Age	.124	.099	.111	.052	.044	.043	.168	.135	.151	2.409	2.235	2.585	.017	.027	.010	.023	.012	.026	.226	.187	.196			
Parental education	-.065	-.009	.003	.057	.049	.048	-.091	-.013	.004	-1.147	-.188	.057	.253	.851	.955	-.178	-.107	-.092	.047	.088	.097			
Grades	.078	-.002	-.011	.059	.051	.050	.092	-.002	-.013	1.328	-.033	-.222	.186	.974	.825	-.038	-.103	-.109	.194	.100	.087			
Supervision	.029	.026	.014	.047	.040	.039	.043	.039	.021	.633	.651	.369	.527	.516	.713	-.062	-.053	-.063	.121	.106	.091			
Free lunch	-.018	-.066	-.100	.131	.113	.110	-.011	-.040	-.062	-.141	-.580	-.909	.888	.563	.364	-.276	-.289	-.317	.239	.158	.117			
Living status	-.041	-.141	-.163	.129	.113	.109	-.022	-.077	-.088	-.313	-1.254	-1.493	.754	.211	.137	-.295	-.363	-.377	.214	.081	.052			
Partners1		-.064	-.059		.125	.121		-.057	-.053		-.508	-.490		.612	.625		-.310	-.298		.183	.179			
Partners2		.351	.376		.130	.126		.306	.327		2.699	2.988		.008	.003		.095	.128		.608	.624			
Partners3		.176	.174		.062	.060		.209	.208		2.844	2.921		.005	.004		.054	.057		.297	.292			
Partners4		.096	.075		.030	.030		.209	.162		3.204	2.530		.002	.012		.037	.016		.156	.133			
STD pre-test			.225			.058			.227			3.906			.000			.112			.339			

N=217

**Model Summary**

Twelve months		Model		
		1	2	3
R		.278 <sup>a</sup>	.577 <sup>b</sup>	.616 <sup>c</sup>
R Square		.077	.332	.380
Adjusted R Square		.028	.283	.330
Std. Error of the Estimate		.714	.613	.593
Change Statistics	R Square Change	.077	.255	.047
	F Change	1.564	19.197	15.254
	df1	11	4	1
	df2	205	201	200
	Sig. F Change	.111	.000	.000

**ANOVA**

Twelve months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		8.769	104.484	113.253	37.652	75.602	113.253	43.009	70.244	113.253
df		11	205	216	15	201	216	16	200	216
Mean Square		.797	.510		2.510	.376		2.688	.351	
F		1.564			6.674			7.654		
Sig.		.111 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 5.1 *Summary of Linear Regression Analyses: Sexual Intercourse Partners as a Predictor for STD by Age 25 Expectations*

Post-test	Unstandardized Coefficients						Standardized Coefficients												95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.964	.684	.833	.475	.449	.453				2.029	1.523	1.839	.043	.128	.066	.031	-.198	-.056	1.897	1.565	1.722			
RTR	-.085	-.078	-.077	.071	.067	.066	-.050	-.046	-.045	-1.199	-1.173	-1.161	.231	.241	.246	-.223	-.209	-.207	.054	.053	.053			
RTR+	-.041	-.044	-.040	.068	.064	.064	-.025	-.027	-.024	-.603	-.683	-.622	.547	.495	.534	-.174	-.169	-.165	.092	.082	.086			
Gender	-.210	-.177	-.180	.057	.054	.054	-.129	-.109	-.111	-3.682	-3.296	-3.359	.000	.001	.001	-.321	-.283	-.286	-.098	-.072	-.075			
Hispanic	-.120	-.083	-.073	.083	.079	.079	-.055	-.038	-.034	-1.441	-1.058	-.935	.150	.290	.350	-.284	-.238	-.228	.043	.071	.081			
African-American	-.012	.033	.033	.069	.065	.065	-.007	.019	.019	-.172	.513	.509	.864	.608	.611	-.147	-.095	-.095	.124	.161	.161			
Age	-.032	-.020	-.030	.029	.027	.028	-.039	-.024	-.036	-1.104	-.732	-1.067	.270	.464	.286	-.089	-.074	-.084	.025	.034	.025			
Parental education	-.043	-.036	-.032	.032	.030	.030	-.051	-.042	-.038	-1.363	-1.202	-1.070	.173	.230	.285	-.105	-.094	-.090	.019	.023	.027			
Grades	.113	.070	.062	.034	.032	.032	.121	.074	.066	3.345	2.171	1.916	.001	.030	.056	.047	.007	-.002	.179	.133	.125			
Supervision	.042	.037	.030	.027	.026	.026	.054	.047	.039	1.517	1.413	1.162	.130	.158	.246	-.012	-.014	-.021	.096	.087	.081			
Free lunch	.114	.070	.060	.067	.064	.064	.065	.040	.034	1.693	1.106	.938	.091	.269	.348	-.018	-.055	-.065	.247	.196	.185			
Living status	.061	.032	.017	.065	.061	.061	.034	.018	.010	.939	.518	.275	.348	.604	.783	-.066	-.088	-.103	.187	.151	.137			
STD1		.355	.353		.036	.036		.333	.331		9.972	9.935		.000	.000		.285	.284		.425	.423			
Pre-test partners			.070			.032			.076			2.204			.028			.008			.133			

Note:  $N=799$ . STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

### Model Summary

Post-test	Model		
	1	2	3
R	.234 <sup>a</sup>	.401 <sup>b</sup>	.408 <sup>c</sup>
R Square	.055	.161	.166
Adjusted R Square	.042	.148	.152
Std. Error of the Estimate	.779	.735	.733
Change Statistics			
R Square Change	.055	.106	.005
F Change	4.155	99.440	4.858
df1	11	1	1
df2	787	786	785
Sig. F Change	.000	.000	.028

### ANOVA

Post-test	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	27.752	477.843	505.594	81.416	424.178	505.594	84.025	421.570	505.594
df	11	787	798	12	786	798	13	785	798
Mean Square	2.523	.607		6.785	.540		6.463	.537	
F	4.155			12.572			12.036		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 5.1 *Summary of Linear Regression Analyses: Sexual Intercourse Partners as a Predictor for STD by Age 25 Expectations (continued)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta									t			Sig.			Lower Bound		
	Model			Model			Model			Model			Model			Model			Model					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
(Constant)	.915	.620	.800	.395	.376	.379				2.313	1.649	2.114	.021	.100	.035	.138	-.118	.057	1.691	1.358	1.543			
RTR	.079	.099	.100	.059	.056	.055	.056	.070	.070	1.345	1.780	1.800	.179	.075	.072	-.036	-.010	-.009	.194	.208	.208			
RTR+	.035	.043	.047	.057	.054	.053	.026	.031	.035	.616	.797	.883	.538	.426	.378	-.076	-.062	-.058	.146	.148	.152			
Gender	-.165	-.110	-.115	.047	.045	.045	-.122	-.082	-.085	-3.486	-2.430	-2.548	.001	.015	.011	-.258	-.199	-.203	-.072	-.021	-.026			
Hispanic	-.042	-.004	.006	.069	.066	.066	-.023	-.002	.004	-.601	-.067	.098	.548	.947	.922	-.178	-.134	-.122	.094	.125	.135			
African-American	.118	.135	.135	.057	.055	.054	.080	.091	.091	2.063	2.476	2.486	.039	.013	.013	.006	.028	.028	.231	.242	.241			
Age	-.020	-.009	-.020	.024	.023	.023	-.029	-.013	-.030	-.820	-.401	-.885	.412	.688	.376	-.067	-.054	-.066	.028	.036	.025			
Parental education	-.065	-.053	-.049	.026	.025	.025	-.092	-.075	-.069	-2.463	-2.135	-1.966	.014	.033	.050	-.116	-.102	-.098	-.013	-.004	.000			
Grades	.075	.037	.029	.028	.027	.027	.096	.048	.037	2.674	1.388	1.060	.008	.166	.290	.020	-.015	-.024	.130	.090	.081			
Supervision	.015	.004	-.003	.023	.022	.022	.023	.006	-.005	.641	.191	-.142	.522	.849	.887	-.030	-.038	-.046	.060	.047	.040			
Free lunch	.105	.067	.055	.056	.053	.053	.072	.046	.038	1.876	1.258	1.036	.061	.209	.300	-.005	-.038	-.049	.215	.172	.160			
Living status	-.092	-.114	-.131	.054	.051	.051	-.062	-.077	-.089	-1.708	-2.233	-2.567	.088	.026	.010	-.197	-.214	-.231	.014	-.014	-.031			
STD1		.111	.111		.032	.031		.125	.125		3.505	3.529		.000	.000		.049	.049		.173	.173			
STD2		.214	.207		.030	.030		.258	.249		7.189	6.963		.000	.000		.156	.149		.273	.266			
Pre-test partners			.082			.027			.107			3.091		.002				.030			.135			

Note:  $N=799$ . STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Three months		Model		
		1	2	3
R		.237 <sup>a</sup>	.393 <sup>b</sup>	.405 <sup>c</sup>
R Square		.056	.154	.164
Adjusted R Square		.043	.140	.149
Std. Error of the Estimate		.648	.614	.611
Change Statistics	R Square Change	.056	.098	.010
	F Change	4.242	45.536	9.554
	df1	11	2	1
	df2	787	785	784
	Sig. F Change	.000	.000	.002

**ANOVA**

Three months	Regression			Residual			Total		
	Model			Model			Model		
	1	2	3	1	2	3	1	2	3
Sum of Squares	19.612	53.997	57.565	330.768	296.384	292.815	350.380	350.380	350.380
df	11	13	14	787	785	784	798	798	798
Mean Square	1.783	4.154	4.112	.420	.378	.373			
F	4.242	11.001	11.009						
Sig.	.000 <sup>a</sup>	.000 <sup>b</sup>	.000 <sup>c</sup>						



Table 5.2 *Summary of Linear Regression Analyses: STD by Age 25 Expectations as a Predictor for Sexual Frequency*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-16.346	-5.822	-7.322	8.085	6.355	6.287				-2.022	-.916	-1.165	.044	.360	.245	-32.262	-18.333	-19.701	-.430	6.689	5.050			
RTR	2.630	1.734	1.810	1.282	1.002	.988	.138	.091	.095	2.051	1.731	1.831	.041	.085	.068	.106	-.239	-.136	5.154	3.707	3.750			
RTR+	.917	1.350	1.355	1.093	.856	.844	.058	.085	.085	.839	1.577	1.604	.402	.116	.110	-1.235	-.335	-.308	3.069	3.036	3.010			
Gender	.230	-.708	-.431	.972	.763	.758	.014	-.044	-.027	.236	-.927	-.569	.814	.355	.570	-1.684	-2.210	-1.924	2.143	.795	1.060			
Hispanic	-1.924	-1.121	-1.066	1.287	1.008	.994	-.103	-.060	-.057	-1.495	-1.112	-1.073	.136	.267	.284	-4.458	-3.106	-3.024	.610	.864	.890			
African-American	-2.633	-.552	-.503	1.429	1.125	1.109	-.117	-.025	-.022	-1.842	-.490	-.453	.067	.624	.651	-5.446	-2.766	-2.687	.181	1.663	1.682			
Age	1.167	.382	.440	.491	.387	.382	.144	.047	.054	2.376	.987	1.152	.018	.325	.250	.200	-.380	-.312	2.133	1.145	1.193			
Presurvey	-.148	.390	.457	.547	.431	.425	-.018	.048	.057	-.271	.905	1.075	.787	.366	.283	-1.226	-.458	-.380	.930	1.238	1.293			
parental																								
Education (2)- ext																								
Grades	-.189	-.019	-.125	.609	.477	.472	-.019	-.002	-.013	-.310	-.040	-.264	.756	.968	.792	-1.389	-.958	-1.054	1.011	.921	.803			
Supervision	.407	-.062	-.114	.456	.358	.354	.053	-.008	-.015	.893	-.174	-.322	.372	.862	.748	-.490	-.768	-.810	1.305	.643	.583			
Free lunch	.206	-.840	-.984	1.260	.986	.973	.011	-.046	-.053	.163	-.852	-1.011	.870	.395	.313	-2.275	-2.780	-2.900	2.687	1.100	.933			
Living status	1.309	-.222	-.322	1.170	.921	.909	.069	-.012	-.017	1.118	-.241	-.354	.264	.810	.724	-.995	-2.035	-2.111	3.613	1.591	1.460			
Sex freq.1		-.363	-.338		.124	.123		-.286	-.267		-2.915	-2.752		.004	.006		-.608	-.581		-.118	-.090			
Sex freq.2		.946	.927		.133	.131		.686	.672		7.120	7.064		.000	.000		.685	.669		1.208	1.180			
Sex freq.3		.376	.359		.053	.053		.354	.337		7.092	6.811		.000	.000		.272	.255		.481	.462			
Pre-test STD			1.487			.504			.137			2.950			.003			.494			2.479			

Note:  $N=287$

**Model Summary**

Six months		Model		
		1	2	3
R		.238 <sup>a</sup>	.658 <sup>b</sup>	.672 <sup>c</sup>
R Square		.057	.433	.451
Adjusted R Square		.019	.404	.421
Std. Error of the Estimate		7.863	6.129	6.044
Change Statistics	R Square Change	.057	.376	.018
	F Change	1.506	60.236	8.702
	df1	11	3	1
	df2	275	272	271
	Sig. F Change	.129	.000	.003

**ANOVA**

Six months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	1024.365	17004.486	18028.850	7812.071	10216.780	18028.850	8129.917	9898.933	18028.850
df	11	275	286	14	272	286	15	271	286
Mean Square	93.124	61.834		558.005	37.562		541.994	36.527	
F	1.506			14.856			14.838		
Sig.	.129 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 5.3 Summary of Linear Regression Analyses: Drug Use as a Predictor for HIV/AIDS by Age 25 Expectations (N=807)

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.902	.466	.464	.394	.382	.378				2.291	1.221	1.226	.022	.222	.220	.129	-.283	-.279	1.675	1.216	1.207			
RTR	.052	.048	.050	.058	.056	.055	.037	.034	.035	.896	.849	.893	.371	.396	.372	-.062	-.062	-.059	.166	.157	.158			
RTR+	.075	.085	.090	.056	.054	.053	.055	.062	.066	1.337	1.572	1.681	.182	.116	.093	-.035	-.021	-.015	.185	.191	.195			
Gender	-.182	-.142	-.153	.047	.045	.045	-.135	-.106	-.114	-3.871	-3.136	-3.399	.000	.002	.001	-.274	-.232	-.242	-.090	-.053	-.065			
Hispanic	-.083	-.070	-.084	.069	.066	.066	-.046	-.039	-.047	-1.205	-1.060	-1.284	.228	.289	.199	-.219	-.200	-.214	.052	.060	.045			
African-American	.041	.062	.088	.057	.055	.055	.027	.042	.060	.714	1.130	1.614	.475	.259	.107	-.071	-.046	-.019	.152	.169	.195			
Age	-.027	-.008	-.008	.024	.023	.023	-.039	-.012	-.012	-1.114	-.342	-.350	.265	.733	.726	-.074	-.054	-.053	.020	.038	.037			
Parental education	-.068	-.050	-.042	.026	.025	.025	-.096	-.070	-.060	-2.601	-1.966	-1.694	.009	.050	.091	-.119	-.099	-.091	-.017	.000	.007			
Grades	.097	.068	.053	.028	.027	.027	.124	.087	.068	3.466	2.498	1.961	.001	.013	.050	.042	.014	.000	.152	.121	.106			
Supervision	.039	.033	.029	.023	.022	.022	.060	.052	.046	1.702	1.516	1.359	.089	.130	.175	-.006	-.010	-.013	.083	.076	.072			
Free lunch	.047	.018	.028	.055	.053	.053	.032	.012	.019	.847	.337	.523	.397	.736	.601	-.062	-.087	-.076	.155	.122	.131			
Living status	-.074	-.075	-.084	.053	.051	.051	-.051	-.051	-.058	-1.396	-1.465	-1.665	.163	.143	.096	-.179	-.175	-.184	.030	.025	.015			
HIV1		.080	.085		.034	.034		.084	.088		2.358	2.512		.019	.012		.013	.019		.147	.151			
HIV2		.217	.212		.032	.032		.244	.238		6.766	6.667		.000	.000		.154	.150		.280	.275			
Pre-test drug			.168			.042			.134			3.972		.000				.085			.251			

Note: HIV/AIDS expectations were measured on a five point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Three months		Model		
		1	2	3
R		.244 <sup>a</sup>	.367 <sup>b</sup>	.389 <sup>c</sup>
R Square		.060	.135	.151
Adjusted R Square		.047	.120	.136
Std. Error of the Estimate		.646	.621	.615
Change Statistics	R Square Change	.060	.075	.017
	F Change	4.581	34.346	15.776
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.000

**ANOVA**

Three months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		21.056	332.223	353.279	47.540	305.739	353.279	53.511	299.768	353.279
df		11	795	806	13	793	806	14	792	806
Mean Square		1.914	.418		3.657	.386		3.822	.378	
F		4.581			9.485			10.098		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 5.4 *Summary of Linear Regression Analyses: Marijuana Use as a Predictor for HIV/AIDS by Age 25 Expectations (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.902	.466	.528	.394	.382	.380				2.291	1.221	1.388	.022	.222	.166	.129	-.283	-.219	1.675	1.216	1.274
RTR	.052	.048	.043	.058	.056	.056	.037	.034	.030	.896	.849	.775	.371	.396	.438	-.062	-.062	-.066	.166	.157	.152
RTR+	.075	.085	.074	.056	.054	.054	.055	.062	.054	1.337	1.572	1.379	.182	.116	.168	-.035	-.021	-.031	.185	.191	.180
Gender	-.182	-.142	-.146	.047	.045	.045	-.135	-.106	-.109	-3.871	-3.136	-3.243	.000	.002	.001	-.274	-.232	-.235	-.090	-.053	-.058
Hispanic	-.083	-.070	-.073	.069	.066	.066	-.046	-.039	-.040	-1.205	-1.060	-1.101	.228	.289	.271	-.219	-.200	-.202	.052	.060	.057
African-American	.041	.062	.081	.057	.055	.055	.027	.042	.055	.714	1.130	1.482	.475	.259	.139	-.071	-.046	-.026	.152	.169	.188
Age	-.027	-.008	-.011	.024	.023	.023	-.039	-.012	-.017	-1.114	-.342	-.492	.265	.733	.623	-.074	-.054	-.057	.020	.038	.034
Parental education	-.068	-.050	-.046	.026	.025	.025	-.096	-.070	-.065	-2.601	-1.966	-1.840	.009	.050	.066	-.119	-.099	-.095	-.017	.000	.003
Grades	.097	.068	.053	.028	.027	.027	.124	.087	.068	3.466	2.498	1.933	.001	.013	.054	.042	.014	-.001	.152	.121	.106
Supervision	.039	.033	.027	.023	.022	.022	.060	.052	.042	1.702	1.516	1.229	.089	.130	.219	-.006	-.010	-.016	.083	.076	.070
Free lunch	.047	.018	.020	.055	.053	.053	.032	.012	.014	.847	.337	.382	.397	.736	.703	-.062	-.087	-.084	.155	.122	.124
Living status	-.074	-.075	-.092	.053	.051	.051	-.051	-.051	-.063	-1.396	-1.465	-1.804	.163	.143	.072	-.179	-.175	-.193	.030	.025	.008
HIV1		.080	.085		.034	.034		.084	.089		2.358	2.522		.019	.012		.013	.019		.147	.152
HIV2		.217	.213		.032	.032		.244	.238		6.766	6.655		.000	.000		.154	.150		.280	.276
Pre-test marijuana			.072			.022			.109			3.194			.001			.028			.116

Note: HIV/AIDS expectations measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Three months		Model		
		1	2	3
R		.244 <sup>a</sup>	.367 <sup>b</sup>	.382 <sup>c</sup>
R Square		.060	.135	.146
Adjusted R Square		.047	.120	.130
Std. Error of the Estimate		.646	.621	.617
Change Statistics	R Square Change	.060	.075	.011
	F Change	4.581	34.346	10.201
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.001

**ANOVA**

Three months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		21.056	332.223	353.279	47.540	305.739	353.279	51.428	301.851	353.279
df		11	795	806	13	793	806	14	792	806
Mean Square		1.914	.418		3.657	.386		3.673	.381	
F		4.581			9.485			9.638		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 5.4 *Summary of Linear Regression Analyses: Marijuana Use as a Predictor for HIV/AIDS by Age 25 Expectations (N=807) (continued)*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	2.115	1.674	1.714	.375	.362	.361				5.632	4.629	4.743	.000	.000	.000	1.378	.964	1.005	2.852	2.383	2.424			
RTR	-.089	-.104	-.107	.055	.053	.053	-.064	-.075	-.077	-1.604	-1.971	-2.018	.109	.049	.044	-.198	-.208	-.210	.020	.000	-.003			
RTR+	-.114	-.125	-.131	.053	.051	.051	-.086	-.094	-.099	-2.129	-2.455	-2.569	.034	.014	.010	-.219	-.226	-.231	-.009	-.025	-.031			
Gender	-.230	-.172	-.176	.045	.043	.043	-.175	-.131	-.134	-5.135	-3.987	-4.074	.000	.000	.000	-.318	-.257	-.261	-.142	-.088	-.091			
Hispanic	-.073	-.050	-.052	.066	.063	.063	-.041	-.028	-.029	-1.109	-.793	-.825	.268	.428	.410	-.202	-.173	-.175	.056	.073	.071			
African-American	.162	.169	.181	.054	.052	.052	.112	.117	.125	2.987	3.258	3.475	.003	.001	.001	.055	.067	.079	.268	.270	.283			
Age	-.088	-.071	-.073	.023	.022	.022	-.131	-.106	-.109	-3.842	-3.243	-3.343	.000	.001	.001	-.133	-.114	-.117	-.043	-.028	-.030			
Parental education	-.055	-.032	-.030	.025	.024	.024	-.080	-.046	-.043	-2.225	-1.324	-1.256	.026	.186	.210	-.104	-.078	-.077	-.007	.015	.017			
Grades	.102	.065	.057	.027	.026	.026	.134	.086	.075	3.844	2.546	2.194	.000	.011	.029	.050	.015	.006	.155	.116	.108			
Supervision	-.019	-.030	-.033	.022	.021	.021	-.031	-.048	-.053	-.890	-1.446	-1.614	.374	.149	.107	-.062	-.071	-.074	.023	.011	.007			
Free lunch	.046	.020	.022	.053	.050	.050	.032	.014	.015	.870	.402	.433	.384	.688	.665	-.058	-.079	-.077	.149	.119	.120			
Living status	.013	.027	.016	.051	.048	.049	.009	.019	.011	.263	.552	.323	.792	.581	.747	-.086	-.068	-.080	.113	.122	.111			
HIV1		.071	.075		.032	.032		.075	.079		2.192	2.309		.029	.021		.007	.011		.134	.138			
HIV2		.113	.112		.031	.031		.130	.128		3.613	3.585		.000	.000		.052	.051		.174	.173			
HIV3		.201	.194		.034	.034		.206	.198		5.996	5.742		.000	.000		.135	.128		.267	.260			
Pre-test marijuana			.043			.021			.068			2.017			.044			.001			.085			

Note: HIV/AIDS expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Six months		Model		
		1	2	3
R		.321 <sup>a</sup>	.435 <sup>b</sup>	.440 <sup>c</sup>
R Square		.103	.189	.193
Adjusted R Square		.091	.175	.178
Std. Error of the Estimate		.616	.587	.586
Change Statistics	R Square Change	.103	.086	.004
	F Change	8.324	27.917	4.067
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.044

**ANOVA**

ANOVA																
		Model														
		1					2					3				
Six months	Sum of	Mean				Sum of	Mean				Sum of	Mean				
	Squares	df	Square	F	Sig.	Squares	df	Square	F	Sig.	Squares	df	Square	F	Sig.	
	Regressi	34.795	11	3.163	8.324	.000 <sup>a</sup>	63.687	14	4.549	13.187	.000 <sup>b</sup>	65.085	15	4.339	12.626	.000 <sup>c</sup>
	on															
Residual	302.114	795	.380			273.222	792	.345			271.825	791	.344			
Total	336.910	806				336.910	806				336.910	806				



Table 5.5 Summary of Linear Regression Analyses: HIV/AIDs by Age 25 as a Predictor for Cigarette Smoking/Tobacco Use (N=807)

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-.512	.137	.205	.549	.349	.350				-.932	.393	.587	.352	.694	.558	-1.590	-.548	-.482	.566	.823	.893			
RTR	-.035	-.069	-.064	.081	.052	.051	-.017	-.035	-.032	-.432	-1.344	-1.245	.666	.179	.213	-.194	-.170	-.165	.124	.032	.037			
RTR+	-.091	-.078	-.074	.078	.050	.050	-.047	-.040	-.039	-1.169	-1.563	-1.497	.243	.118	.135	-.245	-.175	-.171	.062	.020	.023			
Gender	.090	.013	.012	.065	.042	.042	.047	.007	.006	1.381	.323	.296	.168	.747	.767	-.038	-.068	-.069	.219	.095	.094			
Hispanic	-.283	-.034	-.033	.096	.062	.061	-.110	-.013	-.013	-2.944	-.555	-.545	.003	.579	.586	-.472	-.155	-.154	-.094	.087	.087			
African-American	-.420	-.084	-.093	.079	.051	.051	-.201	-.040	-.044	-5.306	-1.650	-1.807	.000	.099	.071	-.575	-.185	-.193	-.265	.016	.008			
Age	.040	-.002	-.006	.034	.021	.021	.041	-.002	-.006	1.198	-.099	-.259	.231	.922	.796	-.026	-.044	-.047	.106	.040	.036			
Parental education	-.047	.013	.012	.036	.023	.023	-.047	.013	.012	-1.290	.566	.521	.198	.572	.602	-.118	-.032	-.033	.025	.059	.057			
Grades	.195	.047	.052	.039	.025	.025	.177	.043	.047	5.019	1.891	2.066	.000	.059	.039	.119	-.002	.003	.272	.097	.101			
Supervision	.081	-.004	-.004	.032	.020	.020	.089	-.004	-.004	2.551	-.180	-.189	.011	.857	.850	.019	-.043	-.044	.143	.036	.036			
Free lunch	-.005	.006	.009	.077	.049	.049	-.002	.003	.004	-.062	.125	.176	.950	.900	.860	-.156	-.090	-.087	.147	.102	.105			
Living status	.176	-.021	-.018	.074	.047	.047	.085	-.010	-.009	2.366	-.438	-.390	.018	.661	.697	.030	-.114	-.111	.321	.072	.075			
Smoking1		.695	.695		.020	.020		.782	.783		34.339	34.431		.000	.000		.655	.656		.734	.735			
Pre-test HIV			-.059			.030			-.044			-2.005		.045				-.118			-.001			

Note: Cigarette smoking/tobacco use was measured on a 5-point scale, scored from 0 to 4, never to almost every day.

**Model Summary**

Post-test	Model		
	1	2	3
R	.295 <sup>a</sup>	.795 <sup>b</sup>	.796 <sup>c</sup>
R Square	.087	.633	.634
Adjusted R Square	.074	.627	.628
Std. Error of the Estimate	.902	.572	.571
Change Statistics	R Square Change	.087	.546
	F Change	6.870	1179.160
	df1	11	1
	df2	795	794
	Sig. F Change	.000	.000

**ANOVA**

Post-test	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	61.432	646.315	707.747	447.670	260.077	707.747	448.981	258.766	707.747
df	11	795	806	12	794	806	13	793	806
Mean Square	5.585	.813		37.306	.328		34.537	.326	
F	6.870			113.892			105.840		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 5.6 Summary of Linear Regression Analyses: HIV/AIDS by Age 25 Expectations as a Predictor for Truancy (N=807)

Twelve months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
																Lower Bound			Upper Bound					
	B			Std. Error			Beta			t			Sig.											
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-.763	-.767	-.850	.453	.406	.407				-1.686	-1.890	-2.088	.092	.059	.037	-1.652	-1.564	-1.650	.125	.030	-.051			
RTR	.092	.101	.095	.067	.060	.060	.055	.060	.057	1.370	1.686	1.587	.171	.092	.113	-.040	-.017	-.022	.223	.218	.212			
RTR+	.045	.058	.054	.064	.058	.057	.028	.036	.034	.698	1.006	.942	.486	.315	.347	-.082	-.055	-.059	.171	.171	.167			
Gender	.043	.061	.063	.054	.048	.048	.027	.039	.040	.798	1.271	1.305	.425	.204	.192	-.063	-.034	-.032	.149	.157	.158			
Hispanic	.234	.154	.153	.079	.071	.071	.110	.072	.072	2.953	2.170	2.160	.003	.030	.031	.079	.015	.014	.390	.294	.292			
African-American	-.066	.042	.052	.065	.059	.059	-.038	.024	.030	-1.010	.708	.888	.313	.479	.375	-.194	-.074	-.063	.062	.157	.168			
Age	.070	.061	.065	.028	.025	.025	.086	.075	.080	2.526	2.450	2.612	.012	.015	.009	.016	.012	.016	.124	.109	.113			
Parental education	-.072	-.035	-.034	.030	.027	.027	-.087	-.042	-.040	-2.412	-1.298	-1.245	.016	.195	.213	-.131	-.088	-.087	-.013	.018	.019			
Grades	.172	.048	.042	.032	.031	.031	.188	.052	.046	5.372	1.563	1.374	.000	.118	.170	.109	-.012	-.018	.235	.108	.102			
Supervision	.055	.026	.026	.026	.024	.023	.072	.034	.034	2.092	1.095	1.101	.037	.274	.271	.003	-.020	-.020	.106	.072	.072			
Free lunch	-.029	-.036	-.039	.064	.057	.057	-.017	-.021	-.023	-.454	-.636	-.684	.650	.525	.494	-.154	-.148	-.150	.096	.075	.073			
Living status	.164	.082	.079	.061	.055	.055	.095	.048	.046	2.677	1.495	1.437	.008	.135	.151	.044	-.026	-.029	.284	.190	.186			
Pre-test skipping		-.014	-.017		.037	.037		-.017	-.020		-.385	-.457		.700	.648		-.086	-.089		.058	.055			
skipping2		.189	.191		.045	.045		.192	.194		4.203	4.259		.000	.000		.100	.103		.277	.279			
skipping3		.197	.196		.039	.039		.183	.183		5.075	5.078		.000	.000		.121	.120		.273	.272			
skipping4		.233	.236		.038	.038		.226	.229		6.143	6.231		.000	.000		.158	.161		.307	.310			
Pre-test HIV			.071			.034			.062			2.052			.041			.003			.138			

Note: Truancy was measured on a five-point scale, scored from 0 to 4, never to almost every day.

**Model Summary**

Twelve months		Model		
		1	2	3
R		.319 <sup>a</sup>	.537 <sup>b</sup>	.541 <sup>c</sup>
R Square		.101	.289	.292
Adjusted R Square		.089	.275	.278
Std. Error of the Estimate		.743	.663	.662
Change Statistics	R Square Change	.101	.187	.004
	F Change	8.163	52.021	4.209
	df1	11	4	1
	df2	795	791	790
	Sig. F Change	.000	.000	.041

**ANOVA**

Twelve months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	49.613	439.259	488.872	141.101	347.772	488.872	142.944	345.929	488.872
df	11	795	806	15	791	806	16	790	806
Mean Square	4.510	.553		9.407	.440		8.934	.438	
F	8.163			21.395			20.403		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 5.7 Summary of Linear Regression Analyses: Truancy as a Predictor for HIV/AIDS by Age 25 Expectations (N=807)

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	2.115	1.674	1.745	.375	.362	.362				5.632	4.629	4.816	.000	.000	.000	1.378	.964	1.034	2.852	2.383	2.456
RTR	-.089	-.104	-.107	.055	.053	.053	-.064	-.075	-.077	-1.604	-1.971	-2.019	.109	.049	.044	-.198	-.208	-.210	.020	.000	-.003
RTR+	-.114	-.125	-.126	.053	.051	.051	-.086	-.094	-.095	-2.129	-2.455	-2.474	.034	.014	.014	-.219	-.226	-.226	-.009	-.025	-.026
Gender	-.230	-.172	-.176	.045	.043	.043	-.175	-.131	-.134	-5.135	-3.987	-4.077	.000	.000	.000	-.318	-.257	-.261	-.142	-.088	-.091
Hispanic	-.073	-.050	-.055	.066	.063	.063	-.041	-.028	-.031	-1.109	-.793	-.874	.268	.428	.382	-.202	-.173	-.178	.056	.073	.068
African-American	.162	.169	.174	.054	.052	.052	.112	.117	.121	2.987	3.258	3.364	.003	.001	.001	.055	.067	.072	.268	.270	.275
Age	-.088	-.071	-.074	.023	.022	.022	-.131	-.106	-.110	-3.842	-3.243	-3.371	.000	.001	.001	-.133	-.114	-.117	-.043	-.028	-.031
Parental education	-.055	-.032	-.030	.025	.024	.024	-.080	-.046	-.044	-2.225	-1.324	-1.266	.026	.186	.206	-.104	-.078	-.077	-.007	.015	.017
Grades	.102	.065	.047	.027	.026	.027	.134	.086	.061	3.844	2.546	1.723	.000	.011	.085	.050	.015	-.006	.155	.116	.100
Supervision	-.019	-.030	-.035	.022	.021	.021	-.031	-.048	-.056	-.890	-1.446	-1.686	.374	.149	.092	-.062	-.071	-.076	.023	.011	.006
Free lunch	.046	.020	.016	.053	.050	.050	.032	.014	.011	.870	.402	.316	.384	.688	.752	-.058	-.079	-.083	.149	.119	.115
Living status	.013	.027	.019	.051	.048	.048	.009	.019	.013	.263	.552	.388	.792	.581	.698	-.086	-.068	-.076	.113	.122	.114
HIV1		.071	.071		.032	.032		.075	.076		2.192	2.197		.029	.028		.007	.008		.134	.134
HIV2		.113	.112		.031	.031		.130	.129		3.613	3.604		.000	.000		.052	.051		.174	.174
HIV3		.201	.198		.034	.034		.206	.203		5.996	5.897		.000	.000		.135	.132		.267	.264
Pre-test skipping			.052			.024			.075			2.141		.033			.004				.100

Note: HIV/AIDS expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Six months		Model		
		1	2	3
R		.321 <sup>a</sup>	.435 <sup>b</sup>	.440 <sup>c</sup>
R Square		.103	.189	.194
Adjusted R Square		.091	.175	.178
Std. Error of the Estimate		.616	.587	.586
Change Statistics	R Square Change	.103	.086	.005
	F Change	8.324	27.917	4.584
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.033

**ANOVA**

ANOVA									
Six months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	34.795	302.114	336.910	63.687	273.222	336.910	65.262	271.648	336.910
df	11	795	806	14	792	806	15	791	806
Mean Square	3.163	.380		4.549	.345		4.351	.343	
F	8.324			13.187			12.669		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 5.8 *Summary of HIV/AIDS by Age 25 Expectation as a Predictor for Vandalism (N=807)*

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.761	.835	.767	.367	.305	.306				2.073	2.736	2.509	.038	.006	.012	.040	.236	.167	1.482	1.435	1.368			
RTR	.031	.027	.022	.054	.045	.045	.023	.020	.016	.562	.592	.478	.574	.554	.633	-.076	-.062	-.067	.137	.115	.110			
RTR+	-.006	-.035	-.038	.052	.043	.043	-.005	-.027	-.030	-.112	-.804	-.884	.911	.421	.377	-.108	-.120	-.124	.097	.050	.047			
Gender	-.137	-.068	-.067	.044	.037	.036	-.108	-.054	-.053	-3.128	-1.853	-1.828	.002	.064	.068	-.223	-.140	-.138	-.051	.004	.005			
Hispanic	.101	.092	.092	.064	.053	.053	.059	.054	.054	1.576	1.724	1.720	.115	.085	.086	-.025	-.013	-.013	.228	.197	.196			
African-American	-.053	-.022	-.013	.053	.044	.044	-.038	-.016	-.009	-.999	-.490	-.297	.318	.624	.766	-.157	-.108	-.100	.051	.065	.073			
Age	-.044	-.046	-.042	.022	.019	.019	-.068	-.071	-.066	-1.951	-2.454	-2.269	.051	.014	.024	-.088	-.082	-.079	.000	-.009	-.006			
Parental education	-.010	-.030	-.029	.024	.020	.020	-.015	-.046	-.044	-.403	-1.500	-1.449	.687	.134	.148	-.058	-.070	-.069	.038	.009	.010			
Grades	.140	.063	.058	.026	.022	.022	.191	.086	.079	5.384	2.841	2.623	.000	.005	.009	.089	.019	.015	.191	.106	.101			
Supervision	-.006	-.004	-.003	.021	.018	.018	-.010	-.006	-.006	-.277	-.202	-.197	.782	.840	.844	-.048	-.038	-.038	.036	.031	.031			
Free lunch	.023	.007	.004	.052	.043	.043	.017	.005	.003	.450	.153	.095	.653	.878	.924	-.078	-.078	-.080	.124	.091	.088			
Living status	.022	.005	.003	.050	.041	.041	.016	.004	.002	.446	.129	.068	.656	.897	.946	-.075	-.076	-.078	.120	.086	.084			
Vandalism1		.584	.585		.031	.031		.552	.552		18.868	18.927		.000	.000		.524	.524		.645	.645			
Pre-test HIV			.060			.026			.066			2.307		.021			.009				.111			

Note: Vandalism was measured on a five-point scale, scored from 0 to 4, never to almost every day.

**Model Summary**

Post-test	Model		
	1	2	3
R	.266 <sup>a</sup>	.599 <sup>b</sup>	.602 <sup>c</sup>
R Square	.071	.358	.363
Adjusted R Square	.058	.349	.352
Std. Error of the Estimate	.603	.501	.500
Change Statistics	R Square Change		
	F Change		
	df1		
	df2		
	Sig. F Change		
	.071	.288	.004
	5.486	356.010	5.322
	11	1	1
	795	794	793
	.000	.000	.021

**ANOVA**

Post-test	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	21.931	288.941	310.872	111.379	199.493	310.872	112.709	198.163	310.872
df	11	795	806	12	794	806	13	793	806
Mean Square	1.994	.363		9.282	.251		8.670	.250	
F	5.486			36.941			34.695		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		



Table 5.9 *Summary of Vandalism as a Predictor for HIV/AIDS by Age 25 Expectation (N=807)*

Six months	Unstandardized Coefficients						Standardized Coefficients												95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	2.115	1.674	1.684	.375	.362	.361				5.632	4.629	4.668	.000	.000	.000	1.378	.964	.976	2.852	2.383	2.392			
RTR	-.089	-.104	-.105	.055	.053	.053	-.064	-.075	-.076	-1.604	-1.971	-1.984	.109	.049	.048	-.198	-.208	-.209	.020	.000	-.001			
RTR+	-.114	-.125	-.129	.053	.051	.051	-.086	-.094	-.097	-2.129	-2.455	-2.534	.034	.014	.011	-.219	-.226	-.229	-.009	-.025	-.029			
Gender	-.230	-.172	-.163	.045	.043	.043	-.175	-.131	-.124	-5.135	-3.987	-3.765	.000	.000	.000	-.318	-.257	-.248	-.142	-.088	-.078			
Hispanic	-.073	-.050	-.051	.066	.063	.063	-.041	-.028	-.029	-1.109	-.793	-.817	.268	.428	.414	-.202	-.173	-.174	.056	.073	.072			
African-American	.162	.169	.173	.054	.052	.052	.112	.117	.120	2.987	3.258	3.349	.003	.001	.001	.055	.067	.072	.268	.270	.275			
Age	-.088	-.071	-.072	.023	.022	.022	-.131	-.106	-.106	-3.842	-3.243	-3.263	.000	.001	.001	-.133	-.114	-.115	-.043	-.028	-.028			
Parental education	-.055	-.032	-.035	.025	.024	.024	-.080	-.046	-.050	-2.225	-1.324	-1.447	.026	.186	.148	-.104	-.078	-.081	-.007	.015	.012			
Grades	.102	.065	.055	.027	.026	.026	.134	.086	.072	3.844	2.546	2.105	.000	.011	.036	.050	.015	.004	.155	.116	.106			
Supervision	-.019	-.030	-.030	.022	.021	.021	-.031	-.048	-.047	-.890	-1.446	-1.431	.374	.149	.153	-.062	-.071	-.070	.023	.011	.011			
Free lunch	.046	.020	.018	.053	.050	.050	.032	.014	.013	.870	.402	.357	.384	.688	.721	-.058	-.079	-.081	.149	.119	.117			
Living status	.013	.027	.024	.051	.048	.048	.009	.019	.017	.263	.552	.503	.792	.581	.615	-.086	-.068	-.071	.113	.122	.119			
HIV1		.071	.071		.032	.032		.075	.076		2.192	2.205		.029	.028		.007	.008		.134	.134			
HIV2		.113	.114		.031	.031		.130	.131		3.613	3.648		.000	.000		.052	.053		.174	.175			
HIV3		.201	.199		.034	.034		.206	.204		5.996	5.951		.000	.000		.135	.134		.267	.265			
Pre-test vandalism			.080			.036			.073			2.210		.027				.009			.151			

Note: HIV/AIDS expectation was measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree.

**Model Summary**

Six months		Model		
		1	2	3
R		.321 <sup>a</sup>	.435 <sup>b</sup>	.440 <sup>c</sup>
R Square		.103	.189	.194
Adjusted R Square		.091	.175	.179
Std. Error of the Estimate		.616	.587	.586
Change Statistics	R Square Change	.103	.086	.005
	F Change	8.324	27.917	4.885
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.027

**ANOVA**

Six months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	34.795	302.114	336.910	63.687	273.222	336.910	65.364	271.545	336.910	
df	11	795	806	14	792	806	15	791	806	
Mean Square	3.163	.380		4.549	.345		4.358	.343		
F	8.324			13.187			12.694			
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>			

Table 6.0 *Summary of Linear Regression Analyses: Alcohol Use as a Predictor for Expectations for Educational Attainment (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta									t			Sig.		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	3.547	2.110	2.080	.303	.301	.301				11.689	7.012	6.920	.000	.000	.000	2.952	1.519	1.490	4.143	2.701	2.670
RTR	.019	.038	.043	.045	.041	.041	.017	.033	.037	.423	.927	1.040	.672	.354	.299	-.069	-.043	-.038	.107	.119	.123
RTR+	.086	.096	.099	.043	.040	.039	.079	.088	.091	1.994	2.427	2.514	.047	.015	.012	.001	.018	.022	.171	.174	.177
Gender	.044	.027	.035	.036	.033	.033	.040	.025	.032	1.214	.815	1.045	.225	.415	.296	-.027	-.038	-.031	.115	.092	.100
Hispanic	-.022	-.019	-.018	.053	.049	.049	-.015	-.013	-.012	-.412	-.386	-.362	.680	.700	.717	-.126	-.114	-.113	.082	.077	.078
African-American	.030	.034	.020	.044	.040	.040	.025	.028	.017	.692	.841	.500	.489	.401	.617	-.056	-.045	-.059	.116	.112	.100
Age	.002	.002	.005	.019	.017	.017	.004	.004	.009	.132	.127	.305	.895	.899	.761	-.034	-.031	-.028	.039	.035	.039
Parental education	.129	.079	.078	.020	.019	.019	.227	.138	.138	6.436	4.169	4.164	.000	.000	.000	.090	.042	.041	.169	.116	.115
Grades	-.130	-.051	-.047	.022	.021	.021	-.206	-.081	-.075	-6.023	-2.469	-2.264	.000	.014	.024	-.172	-.092	-.088	-.087	-.010	-.006
Supervision	-.003	.000	.005	.018	.016	.016	-.006	.001	.011	-.189	.017	.338	.850	.987	.735	-.038	-.031	-.026	.031	.032	.037
Free lunch	-.070	-.036	-.041	.043	.039	.039	-.060	-.031	-.035	-1.651	-.931	-1.048	.099	.352	.295	-.154	-.113	-.118	.013	.040	.036
Living status	-.045	-.016	-.012	.041	.038	.038	-.038	-.014	-.010	-1.086	-.425	-.325	.278	.671	.746	-.125	-.090	-.086	.036	.058	.062
Education1		.143	.140		.039	.039		.166	.161		3.666	3.579		.000	.000		.067	.063		.220	.216
Education2		.236	.237		.038	.038		.283	.284		6.267	6.308		.000	.000		.162	.163		.310	.311
Pre-test alcohol			-.037			.017			-.068			-2.178			.030			-.070			-.004

Note: Expectations for educational attainment were scored from 1 to 4, won’t finish high school to will graduate from a 4 year college or more

Model Summary				
Three months		Model		
		1	2	3
R		.373 <sup>a</sup>	.530 <sup>b</sup>	.534 <sup>c</sup>
R Square		.139	.281	.285
Adjusted R Square		.127	.269	.273
Std. Error of the Estimate		.498	.456	.455
Change Statistics	R Square Change	.139	.142	.004
	F Change	11.673	78.306	4.744
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.030

ANOVA									
Three months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	31.879	197.373	229.252	64.430	164.821	229.252	65.411	163.840	229.252
df	11	795	806	13	793	806	14	792	806
Mean Square	2.898	.248		4.956	.208		4.672	.207	
F	11.673			23.845			22.586		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.1 *Summary of Linear Regression Analyses: Expectations for Educational Attainment as a Predictor for Drug Use (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.332	.428	.723	.304	.241	.257				1.095	1.775	2.809	.274	.076	.005	-.263	-.045	.218	.928	.901	1.228			
RTR	.023	.043	.040	.045	.036	.035	.021	.039	.036	.512	1.193	1.119	.609	.233	.263	-.065	-.027	-.030	.111	.112	.109			
RTR+	-.095	-.049	-.050	.043	.034	.034	-.091	-.047	-.048	-2.208	-1.436	-1.471	.028	.151	.142	-.180	-.117	-.117	-.011	.018	.017			
Gender	.006	-.010	-.010	.036	.029	.029	.006	-.009	-.010	.162	-.333	-.347	.871	.739	.728	-.065	-.066	-.066	.077	.047	.046			
Hispanic	-.027	-.088	-.091	.053	.042	.042	-.019	-.063	-.065	-.507	-2.091	-2.153	.612	.037	.032	-.131	-.172	-.173	.077	-.005	-.008			
African-American	-.072	.006	.002	.044	.035	.035	-.063	.005	.002	-1.645	.177	.068	.100	.860	.946	-.158	-.062	-.066	.014	.075	.071			
Age	-.011	-.018	-.017	.019	.015	.015	-.021	-.033	-.033	-.595	-1.207	-1.181	.552	.228	.238	-.047	-.047	-.046	.025	.011	.011			
Parental education	-.058	-.041	-.032	.020	.016	.016	-.106	-.075	-.059	-2.887	-2.552	-1.977	.004	.011	.048	-.098	-.072	-.064	-.019	-.009	.000			
Grades	.111	.048	.031	.022	.017	.018	.185	.079	.051	5.172	2.752	1.687	.000	.006	.092	.069	.014	-.005	.154	.082	.066			
Supervision	.011	-.004	-.003	.018	.014	.014	.021	-.007	-.006	.605	-.261	-.225	.545	.794	.822	-.024	-.031	-.030	.045	.024	.024			
Free lunch	-.059	-.023	-.031	.043	.034	.034	-.053	-.021	-.027	-1.386	-.684	-.908	.166	.494	.364	-.143	-.090	-.097	.025	.043	.036			
Living status	-.017	-.040	-.043	.041	.033	.032	-.015	-.036	-.038	-.407	-1.236	-1.330	.684	.217	.184	-.097	-.104	-.107	.064	.024	.021			
Drug1		.238	.234		.034	.033		.246	.243		7.091	7.028		.000	.000		.172	.169		.303	.300			
Drug2		.410	.412		.033	.033		.429	.432		12.403	12.549		.000	.000		.345	.348		.475	.477			
Pre-test education			-.078			.025			-.094			-3.158		.002				-.127			-.030			

Note: Drug use is measured on a five-point scale, scored from 0 to 4, never to almost every day.

**Model Summary**

Three moths		Model		
		1	2	3
R		.253 <sup>a</sup>	.642 <sup>b</sup>	.648 <sup>c</sup>
R Square		.064	.412	.419
Adjusted R Square		.051	.402	.409
Std. Error of the Estimate		.498	.396	.393
Change Statistics	R Square Change	.064	.348	.007
	F Change	4.961	234.454	9.974
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.002

**ANOVA**

Three months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	13.557	197.501	211.058	86.946	124.112	211.058	88.489	122.569	211.058
df	11	795	806	13	793	806	14	792	806
Mean Square	1.232	.248		6.688	.157		6.321	.155	
F	4.961			42.733			40.842		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.2 *Summary of Linear Regression Analyses: Marijuana Use as a Predictor for Expectations for Educational Attainment (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	3.547	2.110	2.091	.303	.301	.300				11.689	7.012	6.967	.000	.000	.000	2.952	1.519	1.502	4.143	2.701	2.680
RTR	.019	.038	.040	.045	.041	.041	.017	.033	.035	.423	.927	.981	.672	.354	.327	-.069	-.043	-.040	.107	.119	.121
RTR+	.086	.096	.102	.043	.040	.039	.079	.088	.093	1.994	2.427	2.575	.047	.015	.010	.001	.018	.024	.171	.174	.179
Gender	.044	.027	.029	.036	.033	.033	.040	.025	.027	1.214	.815	.872	.225	.415	.384	-.027	-.038	-.036	.115	.092	.094
Hispanic	-.022	-.019	-.018	.053	.049	.049	-.015	-.013	-.012	-.412	-.386	-.367	.680	.700	.714	-.126	-.114	-.113	.082	.077	.077
African-American	.030	.034	.023	.044	.040	.040	.025	.028	.019	.692	.841	.567	.489	.401	.571	-.056	-.045	-.056	.116	.112	.102
Age	.002	.002	.004	.019	.017	.017	.004	.004	.007	.132	.127	.245	.895	.899	.807	-.034	-.031	-.029	.039	.035	.037
Parental education	.129	.079	.077	.020	.019	.019	.227	.138	.135	6.436	4.169	4.091	.000	.000	.000	.090	.042	.040	.169	.116	.114
Grades	-.130	-.051	-.044	.022	.021	.021	-.206	-.081	-.069	-6.023	-2.469	-2.087	.000	.014	.037	-.172	-.092	-.085	-.087	-.010	-.003
Supervision	-.003	.000	.004	.018	.016	.016	-.006	.001	.008	-.189	.017	.247	.850	.987	.805	-.038	-.031	-.028	.031	.032	.036
Free lunch	-.070	-.036	-.038	.043	.039	.039	-.060	-.031	-.032	-1.651	-.931	-.972	.099	.352	.331	-.154	-.113	-.114	.013	.040	.039
Living status	-.045	-.016	-.006	.041	.038	.038	-.038	-.014	-.005	-1.086	-.425	-.169	.278	.671	.866	-.125	-.090	-.080	.036	.058	.068
Education1		.143	.138		.039	.039		.166	.160		3.666	3.543		.000	.000		.067	.062		.220	.215
Education2		.236	.237		.038	.038		.283	.285		6.267	6.318		.000	.000		.162	.164		.310	.311
Pre-test marijuana			-.041			.017			-.077			-2.465			.014			-.073			-.008

Note: Expectations for educational attainment were scored from 1 to 4, won't finish high school to will graduate from a 4 year college or more

**Model Summary**

Three months		Model		
		1	2	3
R		.373 <sup>a</sup>	.530 <sup>b</sup>	.535 <sup>c</sup>
R Square		.139	.281	.287
Adjusted R Square		.127	.269	.274
Std. Error of the Estimate		.498	.456	.454
Change Statistics	R Square Change	.139	.142	.005
	F Change	11.673	78.306	6.075
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.014

**ANOVA**

Three months		Model					
		1		2		3	
		Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		31.879	197.373	229.252	64.430	164.821	229.252
df		11	795	806	13	793	806
Mean Square		2.898	.248		4.956	.208	
F		11.673			23.845		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>		



Table 6.2 *Summary of Linear Regression Analyses: Marijuana Use as a Predictor for Expectations for Educational Attainment (N=807) (continued)*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	3.753	1.647	1.643	.329	.326	.325				11.424	5.046	5.052	.000	.000	.000	3.108	1.006	1.004	4.398	2.287	2.281
RTR	-.001	.010	.013	.049	.043	.043	.000	.008	.010	-.011	.238	.300	.991	.812	.764	-.096	-.075	-.072	.095	.095	.098
RTR+	.015	.001	.008	.047	.042	.042	.012	.001	.007	.319	.028	.201	.750	.978	.841	-.077	-.081	-.073	.107	.083	.090
Gender	.054	.031	.034	.039	.035	.035	.044	.026	.027	1.374	.895	.962	.170	.371	.336	-.023	-.037	-.035	.131	.100	.102
Hispanic	.051	.060	.061	.058	.051	.051	.031	.036	.037	.887	1.176	1.198	.375	.240	.231	-.062	-.040	-.039	.164	.161	.161
African-American	.003	-1.826E-5	-.012	.047	.042	.042	.002	.000	-.009	.055	.000	-.282	.956	1.000	.778	-.090	-.083	-.095	.096	.083	.071
Age	-.031	-.032	-.030	.020	.018	.018	-.049	-.051	-.048	-1.542	-1.800	-1.679	.123	.072	.094	-.070	-.067	-.065	.008	.003	.005
Parental education	.213	.138	.137	.022	.020	.020	.331	.215	.213	9.772	6.893	6.856	.000	.000	.000	.170	.099	.098	.256	.178	.176
Grades	-.133	-.033	-.025	.023	.022	.022	-.187	-.046	-.035	-5.691	-1.496	-1.121	.000	.135	.262	-.178	-.076	-.068	-.087	.010	.019
Supervision	-.001	.002	.006	.019	.017	.017	-.002	.003	.010	-.060	.110	.356	.952	.912	.722	-.038	-.031	-.027	.036	.035	.039
Free lunch	-.117	-.070	-.072	.046	.041	.041	-.089	-.053	-.055	-2.537	-1.708	-1.762	.011	.088	.078	-.208	-.151	-.153	-.027	.011	.008
Living status	-.101	-.067	-.057	.044	.040	.040	-.076	-.051	-.043	-2.271	-1.702	-1.432	.023	.089	.153	-.188	-.145	-.135	-.014	.010	.021
Education1		.156	.151		.041	.041		.159	.155		3.759	3.663		.000	.000		.074	.070		.237	.233
Education2		.167	.170		.041	.041		.177	.181		4.112	4.207		.000	.000		.087	.091		.247	.250
Education3		.249	.241		.037	.037		.221	.213		6.670	6.441		.000	.000		.176	.167		.323	.314
Pre-test marijuana			-.046			.017			-.076			-2.614			.009			-.080			-.011

Note: Expectations for education attainment were scored from 1 to 4, won't finish high school to will graduate from a 4 year college or more

### Model Summary

Six months		Model		
		1	2	3
R		.459 <sup>a</sup>	.615 <sup>b</sup>	.619 <sup>c</sup>
R Square		.210	.378	.383
Adjusted R Square		.200	.367	.371
Std. Error of the Estimate		.539	.480	.478
Change Statistics	R Square Change	.210	.167	.005
	F Change	19.262	70.952	6.831
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.009

### ANOVA

Six months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		61.640	231.277	292.917	110.631	182.286	292.917	112.192	180.725	292.917
Df		11	795	806	14	792	806	15	791	806
Mean Square		5.604	.291		7.902	.230		7.479	.228	
F		19.262			34.334			32.736		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.3 *Summary of Linear Regression Analyses: Sexual Intercourse Partners as a Predictor for Expectations for Educational Attainment*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	3.533	2.115	1.997	.305	.302	.304				11.602	7.002	6.572	.000	.000	.000	2.936	1.522	1.401	4.131	2.708	2.594
RTR	.014	.035	.034	.045	.041	.041	.013	.030	.030	.319	.841	.828	.750	.401	.408	-.074	-.047	-.047	.103	.116	.115
RTR+	.085	.094	.091	.044	.040	.040	.077	.086	.083	1.948	2.368	2.301	.052	.018	.022	-.001	.016	.013	.170	.173	.169
Gender	.048	.030	.032	.036	.034	.033	.044	.027	.029	1.321	.888	.952	.187	.375	.342	-.023	-.036	-.034	.120	.096	.097
Hispanic	-.020	-.018	-.026	.053	.049	.049	-.014	-.012	-.018	-.381	-.366	-.525	.704	.715	.600	-.125	-.114	-.121	.084	.078	.070
African-American	.030	.035	.035	.044	.041	.040	.025	.029	.029	.672	.852	.856	.502	.394	.392	-.057	-.045	-.045	.116	.114	.114
Age	.003	.002	.009	.019	.017	.017	.005	.004	.017	.154	.128	.551	.877	.898	.582	-.034	-.031	-.024	.039	.036	.043
Parental education	.131	.080	.076	.020	.019	.019	.230	.140	.134	6.471	4.201	4.037	.000	.000	.000	.091	.042	.039	.171	.117	.114
Grades	-.130	-.052	-.045	.022	.021	.021	-.207	-.082	-.072	-6.011	-2.488	-2.170	.000	.013	.030	-.172	-.093	-.086	-.087	-.011	-.004
Supervision	-.003	.001	.006	.018	.016	.016	-.005	.001	.011	-.156	.040	.350	.876	.968	.727	-.037	-.031	-.026	.032	.032	.037
Free lunch	-.068	-.035	-.027	.043	.040	.040	-.058	-.030	-.023	-1.574	-.885	-.671	.116	.376	.502	-.153	-.113	-.104	.017	.043	.051
Living status	-.047	-.016	-.004	.041	.038	.038	-.040	-.014	-.004	-1.135	-.426	-.117	.257	.670	.907	-.128	-.091	-.079	.034	.058	.070
Education1		.138	.137		.039	.039		.160	.159		3.519	3.504		.000	.000		.061	.060		.215	.214
Education2		.239	.241		.038	.038		.286	.289		6.292	6.373		.000	.000		.164	.167		.313	.315
Pre-test partners			-.054			.020			-.087			-2.751			.006			-.093			-.016

Note:  $N=799$ . Expectations for educational attainment were scored from 1 to 4, won't finish high school to will graduate from a 4 year college or more

**Model Summary**

Three months		Model		
		1	2	3
R		.375 <sup>a</sup>	.530 <sup>b</sup>	.536 <sup>c</sup>
R Square		.140	.281	.288
Adjusted R Square		.128	.269	.275
Std. Error of the Estimate		.499	.457	.455
Change Statistics	R Square Change	.140	.140	.007
	F Change	11.677	76.623	7.566
	df1	11	2	1
	df2	787	785	784
	Sig. F Change	.000	.000	.006

**ANOVA**

Three months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		32.022	196.195	228.218	64.067	164.150	228.218	65.636	162.581	228.218
df		11	787	798	13	785	798	14	784	798
Mean Square		2.911	.249		4.928	.209		4.688	.207	
F		11.677			23.568			22.608		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.4 *Summary of Linear Regression Analyses: Sex Frequency as a Predictor for Expectations for Educational Attainment*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	3.763	1.617	1.518	.330	.327	.329				11.393	4.951	4.618	.000	.000	.000	3.114	.976	.872	4.411	2.258	2.163			
RTR	.000	.012	.014	.049	.043	.043	.000	.010	.011	-.008	.283	.329	.994	.777	.742	-.097	-.073	-.071	.096	.097	.099			
RTR+	.019	.004	.005	.047	.042	.042	.015	.003	.004	.406	.093	.111	.685	.926	.912	-.073	-.078	-.077	.112	.086	.087			
Gender	.056	.031	.040	.040	.035	.035	.046	.025	.032	1.422	.872	1.124	.155	.383	.262	-.021	-.038	-.030	.134	.100	.109			
Hispanic	.053	.065	.056	.058	.051	.051	.032	.040	.034	.916	1.273	1.091	.360	.204	.275	-.061	-.035	-.045	.167	.166	.157			
African-American	.005	.005	-.007	.048	.042	.043	.004	.003	-.005	.105	.110	-.161	.916	.913	.872	-.089	-.079	-.091	.099	.088	.077			
Age	-.031	-.033	-.027	.020	.018	.018	-.050	-.053	-.043	-1.559	-1.869	-1.497	.119	.062	.135	-.071	-.069	-.062	.008	.002	.008			
Parental education	.210	.134	.133	.022	.020	.020	.326	.208	.207	9.580	6.677	6.646	.000	.000	.000	.167	.095	.094	.253	.174	.173			
Grades	-.134	-.034	-.030	.023	.022	.022	-.188	-.048	-.043	-5.711	-1.557	-1.388	.000	.120	.166	-.180	-.077	-.074	-.088	.009	.013			
Supervision	.001	.005	.009	.019	.017	.017	.001	.009	.015	.040	.316	.502	.968	.752	.616	-.037	-.028	-.025	.038	.039	.042			
Free lunch	-.124	-.080	-.079	.047	.042	.041	-.093	-.060	-.060	-2.644	-1.921	-1.917	.008	.055	.056	-.216	-.161	-.161	-.032	.002	.002			
Living status	-.099	-.062	-.058	.045	.040	.040	-.074	-.046	-.043	-2.200	-1.556	-1.456	.028	.120	.146	-.187	-.140	-.136	-.011	.016	.020			
Education1		.160	.158		.042	.041		.164	.161		3.859	3.818		.000	.000		.079	.077		.242	.240			
Education2		.168	.169		.041	.041		.178	.179		4.121	4.159		.000	.000		.088	.089		.248	.249			
Education3		.258	.257		.037	.037		.227	.226		6.878	6.873		.000	.000		.184	.184		.331	.330			
Pre-test sex freq.			-.004			.002			-.065			-2.240			.025			-.007				.000		

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	3.763	1.617	1.518	.330	.327	.329				11.393	4.951	4.618	.000	.000	.000	3.114	.976	.872	4.411	2.258	2.163			
RTR	.000	.012	.014	.049	.043	.043	.000	.010	.011	-.008	.283	.329	.994	.777	.742	-.097	-.073	-.071	.096	.097	.099			
RTR+	.019	.004	.005	.047	.042	.042	.015	.003	.004	.406	.093	.111	.685	.926	.912	-.073	-.078	-.077	.112	.086	.087			
Gender	.056	.031	.040	.040	.035	.035	.046	.025	.032	1.422	.872	1.124	.155	.383	.262	-.021	-.038	-.030	.134	.100	.109			
Hispanic	.053	.065	.056	.058	.051	.051	.032	.040	.034	.916	1.273	1.091	.360	.204	.275	-.061	-.035	-.045	.167	.166	.157			
African-American	.005	.005	-.007	.048	.042	.043	.004	.003	-.005	.105	.110	-.161	.916	.913	.872	-.089	-.079	-.091	.099	.088	.077			
Age	-.031	-.033	-.027	.020	.018	.018	-.050	-.053	-.043	-1.559	-1.869	-1.497	.119	.062	.135	-.071	-.069	-.062	.008	.002	.008			
Parental education	.210	.134	.133	.022	.020	.020	.326	.208	.207	9.580	6.677	6.646	.000	.000	.000	.167	.095	.094	.253	.174	.173			
Grades	-.134	-.034	-.030	.023	.022	.022	-.188	-.048	-.043	-5.711	-1.557	-1.388	.000	.120	.166	-.180	-.077	-.074	-.088	.009	.013			
Supervision	.001	.005	.009	.019	.017	.017	.001	.009	.015	.040	.316	.502	.968	.752	.616	-.037	-.028	-.025	.038	.039	.042			
Free lunch	-.124	-.080	-.079	.047	.042	.041	-.093	-.060	-.060	-2.644	-1.921	-1.917	.008	.055	.056	-.216	-.161	-.161	-.032	.002	.002			
Living status	-.099	-.062	-.058	.045	.040	.040	-.074	-.046	-.043	-2.200	-1.556	-1.456	.028	.120	.146	-.187	-.140	-.136	-.011	.016	.020			
Education1		.160	.158		.042	.041		.164	.161		3.859	3.818		.000	.000		.079	.077		.242	.240			
Education2		.168	.169		.041	.041		.178	.179		4.121	4.159		.000	.000		.088	.089		.248	.249			
Education3		.258	.257		.037	.037		.227	.226		6.878	6.873		.000	.000		.184	.184		.331	.330			
Pre-test sex freq.			-.004			.002			-.065			-2.240			.025			-.007			.000			

Note:  $N=797$ . Expectations for educational attainment were scored from 1 to 4, won't finish high school to will graduate from a 4 year college or more

**Model Summary**

Six months		Model		
		1	2	3
R		.457 <sup>a</sup>	.619 <sup>b</sup>	.622 <sup>c</sup>
R Square		.209	.383	.387
Adjusted R Square		.198	.372	.375
Std. Error of the Estimate		.541	.479	.477
Change Statistics	R Square Change	.209	.174	.004
	F Change	18.820	73.475	5.018
	df1	11	3	1
	df2	785	782	781
	Sig. F Change	.000	.000	.025

**ANOVA**

ANOVA									
Six months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	60.578	229.703	290.281	111.088	179.193	290.281	112.232	178.049	290.281
df	11	785	796	14	782	796	15	781	796
Mean Square	5.507	.293		7.935	.229		7.482	.228	
F	18.820			34.628			32.820		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.5 *Summary of Linear Regression Analyses: Alcohol Use as Predictor for Expectations for STD in the Next 6 Months (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.410	.164	.224	.360	.355	.355				1.140	.461	.631	.255	.645	.528	-.296	-.534	-.473	1.117	.861	.921
RTR	-.006	-.014	-.021	.053	.052	.052	-.004	-.011	-.016	-.109	-.274	-.401	.913	.784	.688	-.110	-.117	-.123	.099	.088	.081
RTR+	.036	.041	.036	.051	.050	.050	.029	.033	.029	.710	.810	.716	.478	.418	.474	-.064	-.058	-.062	.137	.139	.134
Gender	-.205	-.175	-.186	.043	.042	.043	-.166	-.142	-.151	-4.773	-4.117	-4.378	.000	.000	.000	-.289	-.258	-.270	-.121	-.091	-.103
Hispanic	-.191	-.148	-.150	.063	.062	.062	-.115	-.089	-.090	-3.030	-2.376	-2.423	.003	.018	.016	-.315	-.270	-.272	-.067	-.026	-.029
African-American	.008	.004	.023	.052	.051	.051	.006	.003	.017	.150	.075	.450	.881	.940	.653	-.094	-.096	-.078	.110	.104	.124
Age	.011	.022	.017	.022	.022	.022	.017	.034	.027	.483	.996	.791	.629	.320	.429	-.033	-.021	-.025	.054	.064	.060
Parental education	-.072	-.060	-.059	.024	.023	.023	-.111	-.093	-.092	-3.004	-2.565	-2.543	.003	.010	.011	-.119	-.106	-.105	-.025	-.014	-.014
Grades	.042	.022	.015	.026	.025	.025	.059	.030	.021	1.652	.854	.589	.099	.394	.556	-.008	-.028	-.035	.092	.071	.065
Supervision	.026	.023	.016	.021	.020	.021	.044	.039	.026	1.238	1.135	.760	.216	.257	.448	-.015	-.017	-.025	.067	.063	.056
Free lunch	.102	.080	.087	.051	.050	.050	.077	.060	.065	2.014	1.606	1.743	.044	.109	.082	.003	-.018	-.011	.201	.178	.184
Living status	.011	.002	-.003	.049	.048	.048	.008	.002	-.002	.221	.046	-.067	.825	.963	.947	-.085	-.091	-.097	.106	.096	.090
STD6 pre-test		.085	.082		.036	.036		.085	.082		2.352	2.280		.019	.023		.014	.011		.156	.153
STD6 post-test		.153	.152		.034	.034		.164	.163		4.457	4.461		.000	.000		.085	.085		.220	.219
Pre-test alcohol			.053			.021			.087			2.496			.013			.011			.095

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree



**Model Summary**

Three months		Model		
		1	2	3
R		.253 <sup>a</sup>	.323 <sup>b</sup>	.333 <sup>c</sup>
R Square		.064	.104	.111
Adjusted R Square		.051	.089	.095
Std. Error of the Estimate		.591	.579	.577
Change Statistics	R Square Change	.064	.040	.007
	F Change	4.924	17.875	6.230
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.013

**ANOVA**

Three months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		18.918	277.676	296.595	30.896	265.698	296.595	32.970	263.625	296.595
df		11	795	806	13	793	806	14	792	806
Mean Square		1.720	.349		2.377	.335		2.355	.333	
F		4.924			7.093			7.075		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.5 *Summary of Linear Regression Analyses: Alcohol Use as Predictor for Expectations for STD in the Next 6 Months (N=807) (Continued)*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.284	1.017	1.071	.342	.332	.332				3.751	3.063	3.225	.000	.002	.001	.612	.365	.419	1.956	1.670	1.723			
RTR	-.080	-.083	-.088	.051	.049	.049	-.061	-.064	-.068	-1.575	-1.694	-1.816	.116	.091	.070	-.179	-.178	-.184	.020	.013	.007			
RTR+	-.001	-.004	-.008	.049	.047	.047	-.001	-.003	-.006	-.026	-.079	-.162	.979	.937	.871	-.097	-.096	-.100	.094	.088	.084			
Gender	-.296	-.233	-.244	.041	.040	.040	-.241	-.189	-.198	-7.264	-5.813	-6.066	.000	.000	.000	-.377	-.312	-.323	-.216	-.154	-.165			
Hispanic	.101	.164	.160	.060	.058	.058	.061	.098	.097	1.677	2.803	2.756	.094	.005	.006	-.017	.049	.046	.218	.278	.275			
African-American	.066	.059	.076	.049	.048	.048	.049	.044	.056	1.345	1.251	1.590	.179	.211	.112	-.030	-.034	-.018	.163	.153	.170			
Age	-.040	-.034	-.037	.021	.020	.020	-.064	-.054	-.060	-1.926	-1.669	-1.852	.054	.096	.064	-.081	-.074	-.077	.001	.006	.002			
Parental education	-.088	-.066	-.066	.023	.022	.022	-.136	-.102	-.101	-3.875	-2.988	-2.986	.000	.003	.003	-.132	-.109	-.109	-.043	-.023	-.022			
Grades	.117	.096	.091	.024	.024	.024	.164	.135	.127	4.837	4.079	3.829	.000	.000	.000	.070	.050	.044	.165	.143	.137			
Supervision	.015	.007	.001	.020	.019	.019	.025	.013	.002	.743	.390	.054	.458	.697	.957	-.024	-.030	-.037	.054	.045	.039			
Free lunch	.025	-.003	.003	.048	.047	.047	.019	-.002	.003	.529	-.062	.074	.597	.951	.941	-.069	-.094	-.088	.120	.089	.095			
Living status	.105	.099	.095	.046	.045	.045	.078	.074	.071	2.267	2.225	2.124	.024	.026	.034	.014	.012	.007	.196	.187	.182			
STD6 pre-test		.009	.007		.034	.034		.009	.007		.257	.201		.797	.841		-.058	-.059		.075	.073			
STD6 post-test		.138	.139		.032	.032		.149	.150		4.272	4.306		.000	.000		.075	.076		.202	.203			
STD6 3 mos.		.187	.181		.033	.033		.188	.181		5.643	5.431		.000	.000		.122	.115		.253	.246			
Pre-test alcohol			.046			.020			.076			2.318			.021			.007			.086			

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree

**Model Summary**

Six months		Model		
		1	2	3
R		.388 <sup>a</sup>	.464 <sup>b</sup>	.470 <sup>c</sup>
R Square		.151	.215	.221
Adjusted R Square		.139	.202	.206
Std. Error of the Estimate		.562	.541	.540
Change Statistics	R Square Change	.151	.065	.005
	F Change	12.809	21.823	5.375
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.021

**ANOVA**

Six months		Model					
		1		2		3	
		Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		44.522	251.196	295.717	63.701	232.017	295.717
df		11	795	806	14	792	806
Mean Square		4.047	.316		4.550	.293	
F		12.809			15.532		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>		

Table 6.6 *Summary of Linear Regression Analyses: Drug Use as a Predictor for Expectations for STD in the Next 6 Months (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta									t			Sig.			Lower Bound		
	Model			Model			Model			Model			Model			Model			Model					
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
(Constant)	.410	.164	.158	.360	.355	.354				1.140	.461	.447	.255	.645	.655	-.296	-.534	-.537	1.117	.861	.853			
RTR	-.006	-.014	-.013	.053	.052	.052	-.004	-.011	-.010	-.109	-.274	-.249	.913	.784	.803	-.110	-.117	-.115	.099	.088	.089			
RTR+	.036	.041	.044	.051	.050	.050	.029	.033	.035	.710	.810	.878	.478	.418	.380	-.064	-.058	-.054	.137	.139	.142			
Gender	-.205	-.175	-.180	.043	.042	.042	-.166	-.142	-.146	-4.773	-4.117	-4.253	.000	.000	.000	-.289	-.258	-.263	-.121	-.091	-.097			
Hispanic	-.191	-.148	-.155	.063	.062	.062	-.115	-.089	-.093	-3.030	-2.376	-2.502	.003	.018	.013	-.315	-.270	-.277	-.067	-.026	-.033			
African-American	.008	.004	.019	.052	.051	.051	.006	.003	.014	.150	.075	.366	.881	.940	.715	-.094	-.096	-.082	.110	.104	.119			
Age	.011	.022	.022	.022	.022	.022	.017	.034	.034	.483	.996	1.003	.629	.320	.316	-.033	-.021	-.021	.054	.064	.064			
Parental education	-.072	-.060	-.056	.024	.023	.023	-.111	-.093	-.086	-3.004	-2.565	-2.378	.003	.010	.018	-.119	-.106	-.102	-.025	-.014	-.010			
Grades	.042	.022	.013	.026	.025	.025	.059	.030	.018	1.652	.854	.507	.099	.394	.613	-.008	-.028	-.037	.092	.071	.063			
Supervision	.026	.023	.021	.021	.020	.020	.044	.039	.035	1.238	1.135	1.027	.216	.257	.305	-.015	-.017	-.019	.067	.063	.061			
Free lunch	.102	.080	.085	.051	.050	.050	.077	.060	.064	2.014	1.606	1.714	.044	.109	.087	.003	-.018	-.012	.201	.178	.183			
Living status	.011	.002	-.003	.049	.048	.048	.008	.002	-.002	.221	.046	-.068	.825	.963	.946	-.085	-.091	-.097	.106	.096	.090			
STD 6 pre-test		.085	.085		.036	.036		.085	.086		2.352	2.372		.019	.018		.014	.015		.156	.156			
STD 6 post-test		.153	.154		.034	.034		.164	.166		4.457	4.523		.000	.000		.085	.087		.220	.221			
Pre-test drug use			.097			.040			.085			2.444		.015				.019			.174			

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree

**Model Summary**

Three months		Model		
		1	2	3
R		.253 <sup>a</sup>	.323 <sup>b</sup>	.333 <sup>c</sup>
R Square		.064	.104	.111
Adjusted R Square		.051	.089	.095
Std. Error of the Estimate		.591	.579	.577
Change Statistics	R Square Change	.064	.040	.007
	F Change	4.924	17.875	5.975
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.015

**ANOVA**

Three months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		18.918	277.676	296.595	30.896	265.698	296.595	32.886	263.709	296.595
df		11	795	806	13	793	806	14	792	806
Mean Square		1.720	.349		2.377	.335		2.349	.333	
F		4.924			7.093			7.055		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.7 Summary of Linear Regression Analyses: Marijuana Use as a Predictor for Expectations for STD in the Next 6 Months (N=807)

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.410	.164	.237	.360	.355	.352				1.140	.461	.673	.255	.645	.501	-.296	-.534	-.455	1.117	.861	.929
RTR	-.006	-.014	-.019	.053	.052	.052	-.004	-.011	-.015	-.109	-.274	-.366	.913	.784	.714	-.110	-.117	-.120	.099	.088	.083
RTR+	.036	.041	.029	.051	.050	.050	.029	.033	.023	.710	.810	.578	.478	.418	.564	-.064	-.058	-.069	.137	.139	.127
Gender	-.205	-.175	-.179	.043	.042	.042	-.166	-.142	-.145	-4.773	-4.117	-4.263	.000	.000	.000	-.289	-.258	-.262	-.121	-.091	-.097
Hispanic	-.191	-.148	-.150	.063	.062	.062	-.115	-.089	-.090	-3.030	-2.376	-2.435	.003	.018	.015	-.315	-.270	-.271	-.067	-.026	-.029
African-American	.008	.004	.026	.052	.051	.051	.006	.003	.019	.150	.075	.509	.881	.940	.611	-.094	-.096	-.074	.110	.104	.125
Age	.011	.022	.017	.022	.022	.021	.017	.034	.028	.483	.996	.810	.629	.320	.418	-.033	-.021	-.025	.054	.064	.060
Parental education	-.072	-.060	-.056	.024	.023	.023	-.111	-.093	-.087	-3.004	-2.565	-2.412	.003	.010	.016	-.119	-.106	-.102	-.025	-.014	-.010
Grades	.042	.022	.004	.026	.025	.025	.059	.030	.006	1.652	.854	.174	.099	.394	.862	-.008	-.028	-.045	.092	.071	.054
Supervision	.026	.023	.016	.021	.020	.020	.044	.039	.027	1.238	1.135	.778	.216	.257	.437	-.015	-.017	-.024	.067	.063	.056
Free lunch	.102	.080	.082	.051	.050	.049	.077	.060	.062	2.014	1.606	1.657	.044	.109	.098	.003	-.018	-.015	.201	.178	.179
Living status	.011	.002	-.018	.049	.048	.048	.008	.002	-.013	.221	.046	-.372	.825	.963	.710	-.085	-.091	-.111	.106	.096	.076
STD 6 pre-test		.085	.090		.036	.036		.085	.090		2.352	2.509		.019	.012		.014	.020		.156	.160
STD 6 post-test		.153	.148		.034	.034		.164	.158		4.457	4.350		.000	.000		.085	.081		.220	.214
Pre-test marijuana			.083			.021			.138			3.971			.000			.042			.124

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree

**Model Summary**

Three months		Model		
		1	2	3
R		.253 <sup>a</sup>	.323 <sup>b</sup>	.349 <sup>c</sup>
R Square		.064	.104	.122
Adjusted R Square		.051	.089	.106
Std. Error of the Estimate		.591	.579	.574
Change Statistics	R Square Change	.064	.040	.017
	F Change	4.924	17.875	15.767
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.000

**ANOVA**

Three months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		18.918	277.676	296.595	30.896	265.698	296.595	36.083	260.512	296.595
df		11	795	806	13	793	806	14	792	806
Mean Square		1.720	.349		2.377	.335		2.577	.329	
F		4.924			7.093			7.836		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.7 *Summary of Linear Regression Analyses: Marijuana Use as a Predictor for Expectations for STD in the Next 6 Months (N=807) (Continued)*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.284	1.017	1.077	.342	.332	.331				3.751	3.063	3.256	.000	.002	.001	.612	.365	.428	1.956	1.670	1.726			
RTR	-.080	-.083	-.086	.051	.049	.048	-.061	-.064	-.067	-1.575	-1.694	-1.782	.116	.091	.075	-.179	-.178	-.182	.020	.013	.009			
RTR+	-.001	-.004	-.012	.049	.047	.047	-.001	-.003	-.010	-.026	-.079	-.263	.979	.937	.793	-.097	-.096	-.104	.094	.088	.079			
Gender	-.296	-.233	-.239	.041	.040	.040	-.241	-.189	-.194	-7.264	-5.813	-5.997	.000	.000	.000	-.377	-.312	-.318	-.216	-.154	-.161			
Hispanic	.101	.164	.160	.060	.058	.058	.061	.098	.096	1.677	2.803	2.750	.094	.005	.006	-.017	.049	.046	.218	.278	.274			
African-American	.066	.059	.077	.049	.048	.048	.049	.044	.057	1.345	1.251	1.611	.179	.211	.108	-.030	-.034	-.017	.163	.153	.170			
Age	-.040	-.034	-.037	.021	.020	.020	-.064	-.054	-.058	-1.926	-1.669	-1.821	.054	.096	.069	-.081	-.074	-.076	.001	.006	.003			
Parental education	-.088	-.066	-.064	.023	.022	.022	-.136	-.102	-.098	-3.875	-2.988	-2.902	.000	.003	.004	-.132	-.109	-.107	-.043	-.023	-.021			
Grades	.117	.096	.083	.024	.024	.024	.164	.135	.117	4.837	4.079	3.500	.000	.000	.000	.070	.050	.037	.165	.143	.130			
Supervision	.015	.007	.002	.020	.019	.019	.025	.013	.004	.743	.390	.109	.458	.697	.913	-.024	-.030	-.035	.054	.045	.039			
Free lunch	.025	-.003	.000	.048	.047	.046	.019	-.002	.000	.529	-.062	-.006	.597	.951	.995	-.069	-.094	-.091	.120	.089	.091			
Living status	.105	.099	.084	.046	.045	.045	.078	.074	.063	2.267	2.225	1.881	.024	.026	.060	.014	.012	-.004	.196	.187	.171			
STD 6 pre-test		.009	.014		.034	.034		.009	.014		.257	.409		.797	.683		-.058	-.052		.075	.080			
STD 6 post-test		.138	.137		.032	.032		.149	.147		4.272	4.250		.000	.000		.075	.074		.202	.200			
STD 6 3 mos.		.187	.172		.033	.033		.188	.172		5.643	5.166		.000	.000		.122	.107		.253	.238			
Pre-test marijuana			.064			.020			.107			3.257		.001				.026			.103			



Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.284	1.017	1.077	.342	.332	.331				3.751	3.063	3.256	.000	.002	.001	.612	.365	.428	1.956	1.670	1.726			
RTR	-.080	-.083	-.086	.051	.049	.048	-.061	-.064	-.067	-1.575	-1.694	-1.782	.116	.091	.075	-.179	-.178	-.182	.020	.013	.009			
RTR+	-.001	-.004	-.012	.049	.047	.047	-.001	-.003	-.010	-.026	-.079	-.263	.979	.937	.793	-.097	-.096	-.104	.094	.088	.079			
Gender	-.296	-.233	-.239	.041	.040	.040	-.241	-.189	-.194	-7.264	-5.813	-5.997	.000	.000	.000	-.377	-.312	-.318	-.216	-.154	-.161			
Hispanic	.101	.164	.160	.060	.058	.058	.061	.098	.096	1.677	2.803	2.750	.094	.005	.006	-.017	.049	.046	.218	.278	.274			
African-American	.066	.059	.077	.049	.048	.048	.049	.044	.057	1.345	1.251	1.611	.179	.211	.108	-.030	-.034	-.017	.163	.153	.170			
Age	-.040	-.034	-.037	.021	.020	.020	-.064	-.054	-.058	-1.926	-1.669	-1.821	.054	.096	.069	-.081	-.074	-.076	.001	.006	.003			
Parental education	-.088	-.066	-.064	.023	.022	.022	-.136	-.102	-.098	-3.875	-2.988	-2.902	.000	.003	.004	-.132	-.109	-.107	-.043	-.023	-.021			
Grades	.117	.096	.083	.024	.024	.024	.164	.135	.117	4.837	4.079	3.500	.000	.000	.000	.070	.050	.037	.165	.143	.130			
Supervision	.015	.007	.002	.020	.019	.019	.025	.013	.004	.743	.390	.109	.458	.697	.913	-.024	-.030	-.035	.054	.045	.039			
Free lunch	.025	-.003	.000	.048	.047	.046	.019	-.002	.000	.529	-.062	-.006	.597	.951	.995	-.069	-.094	-.091	.120	.089	.091			
Living status	.105	.099	.084	.046	.045	.045	.078	.074	.063	2.267	2.225	1.881	.024	.026	.060	.014	.012	-.004	.196	.187	.171			
STD 6 pre-test		.009	.014		.034	.034		.009	.014		.257	.409		.797	.683		-.058	-.052		.075	.080			
STD 6 post-test		.138	.137		.032	.032		.149	.147		4.272	4.250		.000	.000		.075	.074		.202	.200			
STD 6 3 mos.		.187	.172		.033	.033		.188	.172		5.643	5.166		.000	.000		.122	.107		.253	.238			
Pre-test marijuana			.064			.020			.107			3.257		.001				.026			.103			

Note: STD expectations were measured on five-point scale, scored from 0 to 4, strongly disagree to strongly agree

**Model Summary**

Six months		Model		
		1	2	3
R		.388 <sup>a</sup>	.464 <sup>b</sup>	.475 <sup>c</sup>
R Square		.151	.215	.226
Adjusted R Square		.139	.202	.211
Std. Error of the Estimate		.562	.541	.538
Change Statistics	R Square Change	.151	.065	.010
	F Change	12.809	21.823	10.606
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.001

**ANOVA**

Six months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		44.522	251.196	295.717	63.701	232.017	295.717	66.771	228.947	295.717
df		11	795	806	14	792	806	15	791	806
Mean Square		4.047	.316		4.550	.293		4.451	.289	
F		12.809			15.532			15.379		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.8 *Summary of Linear Regression Analyses: Cigarette Smoking/Tobacco Use as a Predictor for Expectations for STD in the Next 6 Months (N=807)*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.284	1.017	1.064	.342	.332	.332				3.751	3.063	3.205	.000	.002	.001	.612	.365	.412	1.956	1.670	1.715			
RTR	-.080	-.083	-.085	.051	.049	.049	-.061	-.064	-.065	-1.575	-1.694	-1.740	.116	.091	.082	-.179	-.178	-.180	.020	.013	.011			
RTR+	-.001	-.004	-.003	.049	.047	.047	-.001	-.003	-.002	-.026	-.079	-.059	.979	.937	.953	-.097	-.096	-.095	.094	.088	.089			
Gender	-.296	-.233	-.239	.041	.040	.040	-.241	-.189	-.194	-7.264	-5.813	-5.963	.000	.000	.000	-.377	-.312	-.318	-.216	-.154	-.160			
Hispanic	.101	.164	.178	.060	.058	.059	.061	.098	.107	1.677	2.803	3.043	.094	.005	.002	-.017	.049	.063	.218	.278	.293			
African-American	.066	.059	.081	.049	.048	.048	.049	.044	.060	1.345	1.251	1.674	.179	.211	.095	-.030	-.034	-.014	.163	.153	.176			
Age	-.040	-.034	-.037	.021	.020	.020	-.064	-.054	-.058	-1.926	-1.669	-1.811	.054	.096	.071	-.081	-.074	-.076	.001	.006	.003			
Parental education	-.088	-.066	-.062	.023	.022	.022	-.136	-.102	-.096	-3.875	-2.988	-2.832	.000	.003	.005	-.132	-.109	-.106	-.043	-.023	-.019			
Grades	.117	.096	.087	.024	.024	.024	.164	.135	.122	4.837	4.079	3.661	.000	.000	.000	.070	.050	.041	.165	.143	.134			
Supervision	.015	.007	.002	.020	.019	.019	.025	.013	.004	.743	.390	.112	.458	.697	.911	-.024	-.030	-.035	.054	.045	.040			
Free lunch	.025	-.003	-.001	.048	.047	.047	.019	-.002	-.001	.529	-.062	-.032	.597	.951	.975	-.069	-.094	-.093	.120	.089	.090			
Living status	.105	.099	.087	.046	.045	.045	.078	.074	.065	2.267	2.225	1.941	.024	.026	.053	.014	.012	-.001	.196	.187	.175			
STD 6 pre-test		.009	.006		.034	.034		.009	.006		.257	.191		.797	.849		-.058	-.060		.075	.073			
STD 6 post-test		.138	.136		.032	.032		.149	.146		4.272	4.214		.000	.000		.075	.073		.202	.200			
STD 6 3 mos.		.187	.185		.033	.033		.188	.185		5.643	5.586		.000	.000		.122	.120		.253	.250			
Pre-test smoking			.044			.019			.077			2.310			.021			.007			.082			

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree

**Model Summary**

Six months		Model		
		1	2	3
R		.388 <sup>a</sup>	.464 <sup>b</sup>	.470 <sup>c</sup>
R Square		.151	.215	.221
Adjusted R Square		.139	.202	.206
Std. Error of the Estimate		.562	.541	.540
Change Statistics	R Square Change	.151	.065	.005
	F Change	12.809	21.823	5.338
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.021

**ANOVA**

Six months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	44.522	251.196	295.717	63.701	232.017	295.717	65.256	230.461	295.717
df	11	795	806	14	792	806	15	791	806
Mean Square	4.047	.316		4.550	.293		4.350	.291	
F	12.809			15.532			14.932		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 6.9 *Summary of Linear Regression Analyses: Truancy as a Predictor for Expectations for STD in the Next 6 Months (N=807)*

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.284	1.017	1.084	.342	.332	.333				3.751	3.063	3.258	.000	.002	.001	.612	.365	.431	1.956	1.670	1.737
RTR	-.080	-.083	-.085	.051	.049	.049	-.061	-.064	-.066	-1.575	-1.694	-1.746	.116	.091	.081	-.179	-.178	-.180	.020	.013	.011
RTR+	-.001	-.004	-.005	.049	.047	.047	-.001	-.003	-.004	-.026	-.079	-.096	.979	.937	.923	-.097	-.096	-.096	.094	.088	.087
Gender	-.296	-.233	-.236	.041	.040	.040	-.241	-.189	-.192	-7.264	-5.813	-5.905	.000	.000	.000	-.377	-.312	-.315	-.216	-.154	-.158
Hispanic	.101	.164	.159	.060	.058	.058	.061	.098	.095	1.677	2.803	2.720	.094	.005	.007	-.017	.049	.044	.218	.278	.273
African-American	.066	.059	.064	.049	.048	.047	.049	.044	.048	1.345	1.251	1.358	.179	.211	.175	-.030	-.034	-.029	.163	.153	.158
Age	-.040	-.034	-.036	.021	.020	.020	-.064	-.054	-.058	-1.926	-1.669	-1.797	.054	.096	.073	-.081	-.074	-.076	.001	.006	.003
Parental education	-.088	-.066	-.064	.023	.022	.022	-.136	-.102	-.099	-3.875	-2.988	-2.926	.000	.003	.004	-.132	-.109	-.107	-.043	-.023	-.021
Grades	.117	.096	.078	.024	.024	.025	.164	.135	.109	4.837	4.079	3.133	.000	.000	.002	.070	.050	.029	.165	.143	.127
Supervision	.015	.007	.002	.020	.019	.019	.025	.013	.004	.743	.390	.126	.458	.697	.900	-.024	-.030	-.035	.054	.045	.040
Free lunch	.025	-.003	-.007	.048	.047	.047	.019	-.002	-.005	.529	-.062	-.148	.597	.951	.882	-.069	-.094	-.098	.120	.089	.084
Living status	.105	.099	.092	.046	.045	.045	.078	.074	.069	2.267	2.225	2.061	.024	.026	.040	.014	.012	.004	.196	.187	.179
STD 6 pre-test		.009	.008		.034	.034		.009	.008		.257	.227		.797	.821		-.058	-.059		.075	.074
STD 6 post-test		.138	.138		.032	.032		.149	.148		4.272	4.273		.000	.000		.075	.075		.202	.202
STD 6 3 mos.		.187	.185		.033	.033		.188	.186		5.643	5.598		.000	.000		.122	.120		.253	.251
Pre-test skipping			.050			.022			.077			2.240		.025				.006			.094

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree

**Model Summary**

Six months		Model		
		1	2	3
R		.388 <sup>a</sup>	.464 <sup>b</sup>	.469 <sup>c</sup>
R Square		.151	.215	.220
Adjusted R Square		.139	.202	.206
Std. Error of the Estimate		.562	.541	.540
Change Statistics	R Square Change	.151	.065	.005
	F Change	12.809	21.823	5.017
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.025

**ANOVA**

Six months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		44.522	251.196	295.717	63.701	232.017	295.717	65.163	230.554	295.717
df		11	795	806	14	792	806	15	791	806
Mean Square		4.047	.316		4.550	.293		4.344	.291	
F		12.809			15.532			14.904		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 7.0 *Summary of Linear Regression Analyses: STD in the Next 6 Months Expectations as a Predictor for Vandalism (N=807)*

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.761	.835	.780	.367	.305	.303				2.073	2.736	2.573	.038	.006	.010	.040	.236	.185	1.482	1.435	1.375
RTR	.031	.027	.021	.054	.045	.045	.023	.020	.016	.562	.592	.462	.574	.554	.644	-.076	-.062	-.067	.137	.115	.109
RTR+	-.006	-.035	-.036	.052	.043	.043	-.005	-.027	-.028	-.112	-.804	-.825	.911	.421	.409	-.108	-.120	-.120	.097	.050	.049
Gender	-.137	-.068	-.065	.044	.037	.036	-.108	-.054	-.051	-3.128	-1.853	-1.778	.002	.064	.076	-.223	-.140	-.136	-.051	.004	.007
Hispanic	.101	.092	.112	.064	.053	.053	.059	.054	.066	1.576	1.724	2.096	.115	.085	.036	-.025	-.013	.007	.228	.197	.216
African-American	-.053	-.022	-.019	.053	.044	.044	-.038	-.016	-.014	-.999	-.490	-.431	.318	.624	.666	-.157	-.108	-.105	.051	.065	.067
Age	-.044	-.046	-.043	.022	.019	.019	-.068	-.071	-.067	-1.951	-2.454	-2.348	.051	.014	.019	-.088	-.082	-.080	.000	-.009	-.007
Parental education	-.010	-.030	-.027	.024	.020	.020	-.015	-.046	-.041	-.403	-1.500	-1.365	.687	.134	.173	-.058	-.070	-.067	.038	.009	.012
Grades	.140	.063	.054	.026	.022	.022	.191	.086	.074	5.384	2.841	2.472	.000	.005	.014	.089	.019	.011	.191	.106	.097
Supervision	-.006	-.004	-.004	.021	.018	.017	-.010	-.006	-.006	-.277	-.202	-.200	.782	.840	.841	-.048	-.038	-.038	.036	.031	.031
Free lunch	.023	.007	-.010	.052	.043	.043	.017	.005	-.008	.450	.153	-.241	.653	.878	.809	-.078	-.078	-.094	.124	.091	.074
Living status	.022	.005	-.001	.050	.041	.041	.016	.004	-.001	.446	.129	-.028	.656	.897	.978	-.075	-.076	-.082	.120	.086	.079
Vandalism1		.584	.580		.031	.031		.552	.547		18.868	18.870		.000	.000		.524	.520		.645	.641
STD 6 pre-test			.110			.029			.108			3.751		.000				.053			.168

Note: Vandalism measured on a five-point scale, scored from 0 to 4, never to almost every day

**Model Summary**

Post-test		Model		
		1	2	3
R		.266 <sup>a</sup>	.599 <sup>b</sup>	.608 <sup>c</sup>
R Square		.071	.358	.369
Adjusted R Square		.058	.349	.359
Std. Error of the Estimate		.603	.501	.497
Change Statistics	R Square Change	.071	.288	.011
	F Change	5.486	356.010	14.070
	df1	11	1	1
	df2	795	794	793
	Sig. F Change	.000	.000	.000

**ANOVA**

Post-test	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	21.931	288.941	310.872	111.379	199.493	310.872	114.857	196.015	310.872
df	11	795	806	12	794	806	13	793	806
Mean Square	1.994	.363		9.282	.251		8.835	.247	
F	5.486			36.941			35.743		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		



Table 7.1 *Summary of Linear Regression Analyses: Vandalism as a Predictor for STD in the Next 6 Months Expectations (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.410	.164	.176	.360	.355	.355				1.140	.461	.498	.255	.645	.619	-.296	-.534	-.520	1.117	.861	.872
RTR	-.006	-.014	-.015	.053	.052	.052	-.004	-.011	-.011	-.109	-.274	-.281	.913	.784	.779	-.110	-.117	-.117	.099	.088	.088
RTR+	.036	.041	.037	.051	.050	.050	.029	.033	.030	.710	.810	.736	.478	.418	.462	-.064	-.058	-.061	.137	.139	.135
Gender	-.205	-.175	-.166	.043	.042	.043	-.166	-.142	-.135	-4.773	-4.117	-3.908	.000	.000	.000	-.289	-.258	-.250	-.121	-.091	-.083
Hispanic	-.191	-.148	-.150	.063	.062	.062	-.115	-.089	-.090	-3.030	-2.376	-2.410	.003	.018	.016	-.315	-.270	-.272	-.067	-.026	-.028
African-American	.008	.004	.008	.052	.051	.051	.006	.003	.006	.150	.075	.154	.881	.940	.878	-.094	-.096	-.092	.110	.104	.107
Age	.011	.022	.021	.022	.022	.022	.017	.034	.034	.483	.996	.980	.629	.320	.328	-.033	-.021	-.021	.054	.064	.064
Parental education	-.072	-.060	-.063	.024	.023	.023	-.111	-.093	-.097	-3.004	-2.565	-2.685	.003	.010	.007	-.119	-.106	-.109	-.025	-.014	-.017
Grades	.042	.022	.012	.026	.025	.026	.059	.030	.017	1.652	.854	.467	.099	.394	.640	-.008	-.028	-.038	.092	.071	.062
Supervision	.026	.023	.023	.021	.020	.020	.044	.039	.040	1.238	1.135	1.153	.216	.257	.249	-.015	-.017	-.016	.067	.063	.063
Free lunch	.102	.080	.078	.051	.050	.050	.077	.060	.059	2.014	1.606	1.575	.044	.109	.116	.003	-.018	-.019	.201	.178	.176
Living status	.011	.002	.000	.049	.048	.048	.008	.002	.000	.221	.046	.004	.825	.963	.996	-.085	-.091	-.093	.106	.096	.094
STD 6 pre-test		.085	.083		.036	.036		.085	.083		2.352	2.298		.019	.022		.014	.012		.156	.153
STD 6 post-test		.153	.151		.034	.034		.164	.162		4.457	4.418		.000	.000		.085	.084		.220	.218
Pre-test vandalism			.075			.036			.072			2.087		.037				.004			.145

Note: STD expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree

**Model Summary**

Three months		Model		
		1	2	3
R		.253 <sup>a</sup>	.323 <sup>b</sup>	.330 <sup>c</sup>
R Square		.064	.104	.109
Adjusted R Square		.051	.089	.093
Std. Error of the Estimate		.591	.579	.578
Change Statistics	R Square Change	.064	.040	.005
	F Change	4.924	17.875	4.354
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.037

**ANOVA**

Three months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	18.918	277.676	296.595	30.896	265.698	296.595	32.349	264.246	296.595
df	11	795	806	13	793	806	14	792	806
Mean Square	1.720	.349		2.377	.335		2.311	.334	
F	4.924			7.093			6.925		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 7.2 Summary of Linear Regression Analyses: Theft as a Predictor for STD in the Next 6 Months Expectations (N=807)

Six months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.284	1.017	.944	.342	.332	.332				3.751	3.063	2.845	.000	.002	.005	.612	.365	.293	1.956	1.670	1.596			
RTR	-.080	-.083	-.084	.051	.049	.049	-.061	-.064	-.065	-1.575	-1.694	-1.733	.116	.091	.083	-.179	-.178	-.179	.020	.013	.011			
RTR+	-.001	-.004	-.004	.049	.047	.047	-.001	-.003	-.004	-.026	-.079	-.096	.979	.937	.923	-.097	-.096	-.096	.094	.088	.087			
Gender	-.296	-.233	-.228	.041	.040	.040	-.241	-.189	-.185	-7.264	-5.813	-5.694	.000	.000	.000	-.377	-.312	-.306	-.216	-.154	-.149			
Hispanic	.101	.164	.163	.060	.058	.058	.061	.098	.098	1.677	2.803	2.808	.094	.005	.005	-.017	.049	.049	.218	.278	.277			
African-American	.066	.059	.062	.049	.048	.047	.049	.044	.046	1.345	1.251	1.316	.179	.211	.188	-.030	-.034	-.031	.163	.153	.155			
Age	-.040	-.034	-.029	.021	.020	.020	-.064	-.054	-.046	-1.926	-1.669	-1.447	.054	.096	.148	-.081	-.074	-.069	.001	.006	.010			
Parental education	-.088	-.066	-.066	.023	.022	.022	-.136	-.102	-.103	-3.875	-2.988	-3.029	.000	.003	.003	-.132	-.109	-.109	-.043	-.023	-.023			
Grades	.117	.096	.082	.024	.024	.024	.164	.135	.115	4.837	4.079	3.424	.000	.000	.001	.070	.050	.035	.165	.143	.130			
Supervision	.015	.007	.006	.020	.019	.019	.025	.013	.010	.743	.390	.303	.458	.697	.762	-.024	-.030	-.032	.054	.045	.043			
Free lunch	.025	-.003	-.005	.048	.047	.046	.019	-.002	-.003	.529	-.062	-.098	.597	.951	.922	-.069	-.094	-.096	.120	.089	.087			
Living status	.105	.099	.093	.046	.045	.044	.078	.074	.069	2.267	2.225	2.082	.024	.026	.038	.014	.012	.005	.196	.187	.180			
STD 6 pre-test		.009	.005		.034	.034		.009	.005		.257	.151		.797	.880		-.058	-.061		.075	.071			
STD 6 post-test		.138	.141		.032	.032		.149	.151		4.272	4.364		.000	.000		.075	.078		.202	.204			
STD 6 3 mos.		.187	.186		.033	.033		.188	.186		5.643	5.609		.000	.000		.122	.121		.253	.250			
Pre-test theft			.069			.025			.088			2.721		.007				.019			.119			

Note: STD expectations was measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree

**Model Summary**

Six months		Model		
		1	2	3
R		.388 <sup>a</sup>	.464 <sup>b</sup>	.472 <sup>c</sup>
R Square		.151	.215	.223
Adjusted R Square		.139	.202	.208
Std. Error of the Estimate		.562	.541	.539
Change Statistics	R Square Change	.151	.065	.007
	F Change	12.809	21.823	7.403
	df1	11	3	1
	df2	795	792	791
	Sig. F Change	.000	.000	.007

**ANOVA**

Six months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		44.522	251.196	295.717	63.701	232.017	295.717	65.852	229.865	295.717
df		11	795	806	14	792	806	15	791	806
Mean Square		4.047	.316		4.550	.293		4.390	.291	
F		12.809			15.532			15.107		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 7.3 Summary of Linear Regression Analyses: HIV/AIDS in the Next 6 Months Expectations as a Predictor for Drug Use (N=807)

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-.251	-.269	-.306	.319	.259	.259				-.785	-1.039	-1.183	.433	.299	.237	-.878	-.777	-.814	.376	.239	.202
RTR	-.039	-.031	-.032	.047	.038	.038	-.034	-.027	-.028	-.831	-.799	-.839	.406	.425	.402	-.132	-.106	-.107	.053	.045	.043
RTR+	-.093	-.073	-.074	.045	.037	.037	-.084	-.066	-.067	-2.039	-1.971	-2.015	.042	.049	.044	-.182	-.145	-.146	-.003	.000	-.002
Gender	.003	-.032	-.028	.038	.031	.031	.003	-.030	-.026	.082	-1.050	-.910	.935	.294	.363	-.072	-.093	-.089	.078	.028	.033
Hispanic	.102	.053	.057	.056	.045	.045	.069	.036	.039	1.826	1.167	1.259	.068	.244	.208	-.008	-.036	-.032	.212	.142	.146
African-American	-.101	-.010	-.010	.046	.038	.037	-.085	-.008	-.008	-2.200	-.253	-.263	.028	.800	.793	-.192	-.083	-.083	-.011	.064	.064
Age	.016	.016	.017	.020	.016	.016	.029	.029	.031	.834	1.016	1.104	.405	.310	.270	-.022	-.015	-.014	.055	.047	.048
Parental education	-.016	.010	.012	.021	.017	.017	-.028	.018	.021	-.768	.589	.713	.443	.556	.476	-.058	-.024	-.021	.025	.044	.046
Grades	.105	.052	.048	.023	.019	.019	.165	.083	.075	4.613	2.826	2.559	.000	.005	.011	.060	.016	.011	.149	.089	.084
Supervision	.022	.008	.009	.018	.015	.015	.041	.015	.018	1.169	.536	.623	.243	.592	.534	-.015	-.021	-.020	.058	.037	.039
Free lunch	-.056	-.023	-.028	.045	.036	.036	-.047	-.019	-.024	-1.238	-.621	-.779	.216	.535	.436	-.144	-.094	-.100	.033	.049	.043
Living status	.025	-.007	-.009	.043	.035	.035	.022	-.006	-.007	.590	-.213	-.245	.556	.831	.807	-.059	-.076	-.077	.110	.061	.060
Drug1		.595	.596		.029	.029		.588	.589		20.429	20.510		.000	.000		.538	.539		.653	.653
Pre-test HIV 6			.057			.026			.062			2.184			.029			.006			.108

Note: Drug use was measured on a five-point scale, scored from 0 to 4, never to almost every day

**Model Summary**

Post-test	Model		
	1	2	3
R	.236 <sup>a</sup>	.617 <sup>b</sup>	.620 <sup>c</sup>
R Square	.056	.381	.385
Adjusted R Square	.043	.372	.375
Std. Error of the Estimate	.525	.425	.424
Change Statistics			
R Square Change	.056	.325	.004
F Change	4.278	417.333	4.772
df1	11	1	1
df2	795	794	793
Sig. F Change	.000	.000	.029

**ANOVA**

Post-test	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	12.947	218.750	231.698	88.312	143.386	231.698	89.170	142.528	231.698
df	11	795	806	12	794	806	13	793	806
Mean Square	1.177	.275		7.359	.181		6.859	.180	
F	4.278			40.752			38.163		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 7.4 *Summary of Linear Regression Analyses: Marijuana Use as a Predictor for HIV/AIDS in the Next 6 Months Expectations (N=807)*

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	1.015	.598	.668	.375	.359	.356				2.709	1.665	1.876	.007	.096	.061	.279	-.107	-.031	1.750	1.304	1.368			
RTR	1.706E-5	-.009	-.014	.055	.053	.052	.000	-.007	-.010	.000	-.178	-.270	1.000	.859	.787	-.109	-.113	-.116	.109	.094	.088			
RTR+	-.056	-.046	-.058	.053	.051	.050	-.043	-.035	-.045	-1.055	-.912	-1.161	.292	.362	.246	-.161	-.146	-.157	.048	.053	.040			
Gender	-.170	-.123	-.127	.045	.043	.042	-.131	-.095	-.098	-3.816	-2.882	-3.000	.000	.004	.003	-.258	-.207	-.210	-.083	-.039	-.044			
Hispanic	-.050	-.024	-.026	.066	.062	.062	-.028	-.014	-.015	-.757	-.388	-.427	.449	.698	.669	-.178	-.147	-.148	.079	.098	.095			
African-American	.021	.007	.029	.054	.051	.051	.015	.005	.021	.384	.130	.571	.701	.896	.568	-.085	-.094	-.071	.127	.108	.130			
Age	-.010	.008	.004	.023	.022	.022	-.015	.012	.006	-.437	.374	.191	.662	.708	.848	-.055	-.035	-.038	.035	.051	.047			
Parental education	-.140	-.120	-.116	.025	.024	.023	-.205	-.176	-.170	-5.620	-5.069	-4.921	.000	.000	.000	-.188	-.167	-.162	-.091	-.074	-.070			
Grades	.060	.030	.012	.027	.025	.026	.080	.040	.016	2.262	1.193	.480	.024	.233	.631	.008	-.020	-.038	.112	.080	.063			
Supervision	-.004	-.006	-.014	.022	.021	.021	-.007	-.009	-.022	-.194	-.285	-.662	.846	.776	.508	-.047	-.046	-.054	.038	.035	.027			
Free lunch	.105	.063	.065	.053	.050	.050	.075	.045	.047	1.987	1.256	1.310	.047	.209	.190	.001	-.035	-.032	.208	.162	.163			
Living status	-.021	-.035	-.056	.051	.048	.048	-.015	-.025	-.040	-.424	-.737	-1.169	.672	.462	.243	-.121	-.130	-.150	.078	.059	.038			
HIV6 pre-test		.179	.181		.038	.037		.164	.166		4.729	4.831		.000	.000		.104	.107		.253	.254			
HIV6 post-est		.175	.175		.029	.029		.213	.214		6.052	6.126		.000	.000		.118	.119		.232	.232			
Pre-test marijuana			.086			.021			.136			4.099		.000			.045				.127			

Note: HIV/AIDS expectations were measured on a five-point scale, scored from 0 to 4, strongly disagree to strongly agree

**Model Summary**

		Model		
		1	2	3
Three months				
R		.290 <sup>a</sup>	.417 <sup>b</sup>	.437 <sup>c</sup>
R Square		.084	.173	.191
Adjusted R Square		.071	.160	.176
Std. Error of the Estimate		.615	.585	.579
Change Statistics	R Square Change	.084	.089	.017
	F Change	6.630	42.917	16.805
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.000

**ANOVA**

ANOVA															
Three months	Model														
	1					2					3				
	Sum of		Mean			Sum of		Mean			Sum of		Mean		
	Squares	df	Square	F	Sig.	Squares	df	Square	F	Sig.	Squares	df	Square	F	Sig.
Regressi on	27.577	11	2.507	6.630	.000 <sup>a</sup>	56.937	13	4.380	12.804	.000 <sup>b</sup>	62.573	14	4.470	13.327	.000 <sup>c</sup>
Residual	300.611	795	.378			271.251	793	.342			265.615	792	.335		
Total	328.188	806				328.188	806				328.188	806			



Table 7.5 Summary of Linear Regression Analyses: HIV/AIDS in the Next 6 Months Expectations as a Predictor for Cigarette/Tobacco Use (N=807)

Three months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta									t			Sig.		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.852	1.264	1.201	.527	.407	.407				1.616	3.106	2.953	.106	.002	.003	-.183	.465	.403	1.886	2.062	2.000
RTR	.024	.027	.025	.078	.060	.060	.012	.014	.013	.305	.450	.417	.760	.653	.677	-.129	-.091	-.093	.177	.145	.143
RTR+	-.077	-.036	-.038	.075	.058	.058	-.041	-.019	-.020	-1.026	-.617	-.658	.305	.537	.511	-.224	-.149	-.151	.070	.078	.075
Gender	.079	.018	.026	.063	.049	.048	.043	.010	.014	1.260	.378	.528	.208	.706	.597	-.044	-.077	-.070	.203	.114	.121
Hispanic	-.423	-.230	-.224	.092	.072	.072	-.169	-.092	-.090	-4.582	-3.209	-3.132	.000	.001	.002	-.604	-.371	-.365	-.242	-.089	-.084
African-American	-.429	-.153	-.155	.076	.060	.060	-.211	-.075	-.076	-5.645	-2.564	-2.600	.000	.011	.009	-.578	-.270	-.272	-.280	-.036	-.038
Age	-.023	-.052	-.050	.032	.025	.025	-.024	-.055	-.053	-.711	-2.111	-2.020	.477	.035	.044	-.086	-.101	-.099	.040	-.004	-.001
Parental education	-.121	-.083	-.080	.035	.027	.027	-.124	-.085	-.082	-3.467	-3.078	-2.969	.001	.002	.003	-.190	-.136	-.133	-.053	-.030	-.027
Grades	.201	.075	.068	.037	.029	.029	.187	.070	.063	5.375	2.566	2.320	.000	.010	.021	.128	.018	.010	.274	.133	.126
Supervision	.076	.017	.019	.030	.024	.024	.086	.019	.022	2.500	.706	.809	.013	.480	.419	.016	-.030	-.027	.136	.063	.065
Free lunch	-.007	-.001	-.011	.074	.057	.057	-.003	-.001	-.005	-.093	-.026	-.190	.926	.979	.850	-.152	-.114	-.123	.138	.111	.101
Living status	.178	.045	.044	.071	.055	.055	.088	.022	.022	2.495	.807	.794	.013	.420	.427	.038	-.064	-.064	.317	.153	.152
Smoking1		.220	.216		.037	.037		.255	.250		5.926	5.813		.000	.000		.147	.143		.293	.289
Smoking2		.403	.405		.041	.041		.414	.417		9.740	9.824		.000	.000		.322	.324		.484	.487
Pre-test HIV6			.091			.041			.058			2.223			.026			.011			.171

Note: Cigarette smoking/tobacco use was measured on a five-point scale, scored from 0 to 4, never to almost every day

**Model Summary**

Three months		Model		
		1	2	3
R		.334 <sup>a</sup>	.688 <sup>b</sup>	.690 <sup>c</sup>
R Square		.111	.473	.477
Adjusted R Square		.099	.465	.467
Std. Error of the Estimate		.865	.667	.665
Change Statistics	R Square Change	.111	.362	.003
	F Change	9.067	272.419	4.942
	df1	11	2	1
	df2	795	793	792
	Sig. F Change	.000	.000	.026

**ANOVA**

Three months	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	74.674	595.247	669.921	317.090	352.831	669.921	319.278	350.643	669.921
df	11	795	806	13	793	806	14	792	806
Mean Square	6.789	.749		24.392	.445		22.806	.443	
F	9.067			54.821			51.511		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 7.6 Summary of Linear Regression Analyses: HIV/AIDS in the Next 6 Months Expectations as a Predictor for Truancy (N=807)

Twelve months	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	-.763	-.767	-.836	.453	.406	.406				-1.686	-1.890	-2.060	.092	.059	.040	-1.652	-1.564	-1.633	.125	.030	-.039			
RTR	.092	.101	.098	.067	.060	.060	.055	.060	.059	1.370	1.686	1.649	.171	.092	.100	-.040	-.017	-.019	.223	.218	.215			
RTR+	.045	.058	.055	.064	.058	.057	.028	.036	.035	.698	1.006	.967	.486	.315	.334	-.082	-.055	-.057	.171	.171	.168			
Gender	.043	.061	.069	.054	.048	.048	.027	.039	.044	.798	1.271	1.429	.425	.204	.153	-.063	-.034	-.026	.149	.157	.164			
Hispanic	.234	.154	.161	.079	.071	.071	.110	.072	.075	2.953	2.170	2.270	.003	.030	.023	.079	.015	.022	.390	.294	.300			
African-American	-.066	.042	.041	.065	.059	.059	-.038	.024	.024	-1.010	.708	.701	.313	.479	.484	-.194	-.074	-.074	.062	.157	.156			
Age	.070	.061	.063	.028	.025	.025	.086	.075	.078	2.526	2.450	2.558	.012	.015	.011	.016	.012	.015	.124	.109	.112			
Parental education	-.072	-.035	-.032	.030	.027	.027	-.087	-.042	-.038	-2.412	-1.298	-1.170	.016	.195	.243	-.131	-.088	-.085	-.013	.018	.021			
Grades	.172	.048	.040	.032	.031	.031	.188	.052	.044	5.372	1.563	1.306	.000	.118	.192	.109	-.012	-.020	.235	.108	.100			
Supervision	.055	.026	.028	.026	.024	.023	.072	.034	.037	2.092	1.095	1.197	.037	.274	.231	.003	-.020	-.018	.106	.072	.074			
Free lunch	-.029	-.036	-.046	.064	.057	.057	-.017	-.021	-.027	-.454	-.636	-.810	.650	.525	.418	-.154	-.148	-.158	.096	.075	.066			
Living status	.164	.082	.080	.061	.055	.055	.095	.048	.047	2.677	1.495	1.466	.008	.135	.143	.044	-.026	-.027	.284	.190	.188			
Pre-test skipping		-.014	-.019		.037	.037		-.017	-.023		-.385	-.514		.700	.607		-.086	-.091		.058	.053			
skipping2		.189	.193		.045	.045		.192	.197		4.203	4.321		.000	.000		.100	.106		.277	.281			
skipping3		.197	.197		.039	.039		.183	.183		5.075	5.095		.000	.000		.121	.121		.273	.273			
skipping4		.233	.233		.038	.038		.226	.226		6.143	6.180		.000	.000		.158	.159		.307	.307			
Pre-test HIV 6			.097			.041			.073			2.402			.017			.018			.177			

Note: Truancy was measured on a five-point scale, scored from 0 to 4, never to almost every day

**Model Summary**

Twelve months		Model		
		1	2	3
R		.319 <sup>a</sup>	.537 <sup>b</sup>	.542 <sup>c</sup>
R Square		.101	.289	.294
Adjusted R Square		.089	.275	.279
Std. Error of the Estimate		.743	.663	.661
Change Statistics	R Square Change	.101	.187	.005
	F Change	8.163	52.021	5.770
	df1	11	4	1
	df2	795	791	790
	Sig. F Change	.000	.000	.017

**ANOVA**

Twelve months		Model								
		1			2			3		
		Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares		49.613	439.259	488.872	141.101	347.772	488.872	143.622	345.250	488.872
df		11	795	806	15	791	806	16	790	806
Mean Square		4.510	.553		9.407	.440		8.976	.437	
F		8.163			21.395			20.540		
Sig.		.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 7.7 Summary of Linear Regression Analyses: HIV/AIDS in the Next 6 Months Expectations as a Predictor for Vandalism (N=807)

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B					
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound		
	Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.761	.835	.772	.367	.305	.304				2.073	2.736	2.536	.038	.006	.011	.040	.236	.174	1.482	1.435	1.369
RTR	.031	.027	.024	.054	.045	.045	.023	.020	.018	.562	.592	.539	.574	.554	.590	-.076	-.062	-.064	.137	.115	.112
RTR+	-.006	-.035	-.037	.052	.043	.043	-.005	-.027	-.029	-.112	-.804	-.865	.911	.421	.387	-.108	-.120	-.122	.097	.050	.047
Gender	-.137	-.068	-.061	.044	.037	.036	-.108	-.054	-.048	-3.128	-1.853	-1.664	.002	.064	.097	-.223	-.140	-.132	-.051	.004	.011
Hispanic	.101	.092	.099	.064	.053	.053	.059	.054	.058	1.576	1.724	1.868	.115	.085	.062	-.025	-.013	-.005	.228	.197	.204
African-American	-.053	-.022	-.023	.053	.044	.044	-.038	-.016	-.016	-.999	-.490	-.516	.318	.624	.606	-.157	-.108	-.109	.051	.065	.063
Age	-.044	-.046	-.043	.022	.019	.019	-.068	-.071	-.067	-1.951	-2.454	-2.340	.051	.014	.020	-.088	-.082	-.080	.000	-.009	-.007
Parental education	-.010	-.030	-.027	.024	.020	.020	-.015	-.046	-.040	-.403	-1.500	-1.325	.687	.134	.186	-.058	-.070	-.066	.038	.009	.013
Grades	.140	.063	.055	.026	.022	.022	.191	.086	.075	5.384	2.841	2.499	.000	.005	.013	.089	.019	.012	.191	.106	.098
Supervision	-.006	-.004	-.001	.021	.018	.018	-.010	-.006	-.002	-.277	-.202	-.077	.782	.840	.939	-.048	-.038	-.036	.036	.031	.033
Free lunch	.023	.007	-.003	.052	.043	.043	.017	.005	-.002	.450	.153	-.076	.653	.878	.939	-.078	-.078	-.087	.124	.091	.081
Living status	.022	.005	.004	.050	.041	.041	.016	.004	.003	.446	.129	.089	.656	.897	.929	-.075	-.076	-.077	.120	.086	.084
Vandalism1		.584	.581		.031	.031		.552	.549		18.868	18.867		.000	.000		.524	.521		.645	.642
Pre-test HIV 6			.097			.031			.091			3.170		.002			.037				.157

Note: Vandalism was measured on a five-point scale, scored from 0 to 4, never to almost every day

**Model Summary**

Post-test	Model		
	1	2	3
R	.266 <sup>a</sup>	.599 <sup>b</sup>	.605 <sup>c</sup>
R Square	.071	.358	.366
Adjusted R Square	.058	.349	.356
Std. Error of the Estimate	.603	.501	.498
Change Statistics	R Square Change		
	F Change		
	df1		
	df2		
	Sig. F Change		
	.071	.288	.008
	5.486	356.010	10.049
	11	1	1
	795	794	793
	.000	.000	.002

**ANOVA**

Post-test	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	21.931	288.941	310.872	111.379	199.493	310.872	113.876	196.997	310.872
df	11	795	806	12	794	806	13	793	806
Mean Square	1.994	.363		9.282	.251		8.760	.248	
F	5.486			36.941			35.262		
Sig.	.000 <sup>a</sup>			.000 <sup>b</sup>			.000 <sup>c</sup>		

Table 7.8 Summary of Linear Regression Analyses: HIV/AIDS in the Next 6 Months as a Predictor for Theft (N=807)

Post-test	Unstandardized Coefficients						Standardized Coefficients									95.0% Confidence Interval for B								
	B			Std. Error			Beta			t			Sig.			Lower Bound			Upper Bound					
	Model			Model			Model			Model			Model			Model			Model			Model		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
(Constant)	.880	.228	.164	.449	.347	.346				1.960	.657	.474	.050	.511	.635	-.001	-.453	-.515	1.761	.909	.843			
RTR	.005	-.010	-.013	.066	.051	.051	.003	-.006	-.008	.077	-.202	-.254	.938	.840	.800	-.125	-.111	-.113	.135	.090	.087			
RTR+	.023	.014	.012	.064	.049	.049	.015	.009	.008	.364	.293	.241	.716	.769	.810	-.102	-.082	-.084	.149	.111	.108			
Gender	-.074	-.024	-.017	.054	.041	.041	-.048	-.016	-.011	-1.377	-.588	-.405	.169	.557	.686	-.179	-.105	-.097	.031	.057	.064			
Hispanic	.004	.006	.013	.079	.061	.060	.002	.003	.006	.057	.098	.220	.955	.922	.826	-.150	-.113	-.105	.159	.125	.132			
African-American	-.062	-.034	-.035	.065	.050	.050	-.037	-.021	-.021	-.960	-.692	-.713	.338	.489	.476	-.189	-.132	-.133	.065	.063	.062			
Age	-.042	-.002	.000	.027	.021	.021	-.054	-.003	.000	-1.530	-.100	.008	.127	.920	.993	-.096	-.044	-.041	.012	.039	.042			
Parental education	.005	-7.344E-5	.004	.030	.023	.023	.006	.000	.004	.171	-.003	.156	.864	.997	.876	-.053	-.045	-.041	.063	.045	.048			
Grades	.147	.020	.012	.032	.025	.025	.166	.023	.014	4.618	.802	.488	.000	.423	.626	.085	-.029	-.037	.209	.069	.062			
Supervision	.027	.012	.014	.026	.020	.020	.037	.016	.019	1.035	.587	.705	.301	.557	.481	-.024	-.027	-.025	.078	.051	.053			
Free lunch	.134	.113	.103	.063	.049	.048	.081	.069	.063	2.120	2.328	2.124	.034	.020	.034	.010	.018	.008	.257	.208	.198			
Living status	.090	.029	.027	.061	.047	.047	.054	.017	.016	1.490	.620	.587	.137	.535	.558	-.029	-.063	-.064	.209	.121	.119			
Theft1		.624	.622		.027	.027		.644	.643		23.361	23.420		.000	.000		.571	.570		.676	.675			
Pre-test HIV 6			.099			.035			.077			2.863			.004			.031			.167			

Note: Theft is measured on a five-point scale, scored from 0 to 4, never to almost every day

**Model Summary**

Post-test	Model		
	1	2	3
R	.226 <sup>a</sup>	.661 <sup>b</sup>	.666 <sup>c</sup>
R Square	.051	.438	.443
Adjusted R Square	.038	.429	.434
Std. Error of the Estimate	.737	.568	.565
Change Statistics	R Square Change	.051	.387
	F Change	3.876	545.752
	df1	11	1
	df2	795	794
	Sig. F Change	.000	.000

**ANOVA**

Post-test	Model								
	1			2			3		
	Regression	Residual	Total	Regression	Residual	Total	Regression	Residual	Total
Sum of Squares	23.155	431.737	454.892	199.024	255.868	454.892	201.642	253.251	454.892
df	11	795	806	12	794	806	13	793	806
Mean Square	2.105	.543		16.585	.322		15.511	.319	
F	3.876			51.467			48.569		
Sig.	.000			.000 <sup>b</sup>			.000 <sup>c</sup>		